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Vaughan's Gardening Illustrated 1927

CHICAGO
10-12 W. RANDOLPH ST.

NEW YORK
47-49 BARCLAY ST.

D. N. Shoemaker

Vaughan's
SCABIOSA
(Mourning Bride)
See Page 1

Vaughan's Famous Rainbow Gladioli

Grown on our own Illinois and Michigan Farms

A SEEDSMAN'S ideal of service is to supply his customers with seeds or bulbs of the highest quality, grown on his own land, where every stage of production and distribution is under his direct control. Such goods he may offer with supreme confidence that their use will result in satisfaction. This confidence is ours in the case of Gladioli. America leads in the development and production of this wonderful flower, and we are among the largest American Gladiolus growers. On our Michigan and Illinois farms, conditions peculiarly favorable to the development of gladiolus bulbs of the largest size and greatest vitality exist. Combined with favorable conditions, is a growing technique developed through years of experience. A Vaughan bulb means a flower for you. On pages 93 to 96 will be found the most complete collection of meritorious varieties listed in this country. If you grow only one flower this Summer, let it be the gladiolus.

Our Famous "Rainbow" Mixture

This name has been chosen by us for our highest quality blendings of the many named varieties which we grow including French novelties with other choice varieties of which we have only moderate quantities. This is the best mixture which our collection permits, and we believe unexcelled by any obtainable elsewhere. Each lot whether in dozs., 50s or 100s of all Vaughan's Mixtures, is put up separately to insure correct proportions of kind and colors.

Price, doz., $1.00, postpaid; by express, not prepaid, 50 for $3.00; 100 for $5.50; 250 for $12.50; 500 for $23.00.

SPECIAL OFFER No. 100B. Two each of the following six varieties sent postpaid for 50c: Mrs. Francis King, E. Kirtland, Chicago White, Schwaben, Le Marechal Foch, 101 Blue. A full range of fine colors.

SPECIAL OFFER No. 200B. Two each of the following six varieties sent postpaid for $1.00: Peace, Chicago Salmon, Chicago Red, The Vamp, Schwaben, Prince of Wales.

SPECIAL OFFER No. 300B. Two each of the following six varieties sent postpaid for $1.25: Joe Coleman, 1910 Rose, Primulinus Maiden Blush, Mary Pickford, Wilbrink, Anna Eberius.

SPECIAL OFFER No. 400B. Two each of the following six varieties sent postpaid for $1.50: Clara Adams, Mystic, E. J. Shaylor, E. Kirtland, Herada, Ionia.

HOMEWOOD MIXTURE. These bulbs are third-size, about **one inch** in diameter, all bloomers, selected from some of the choice kinds we grow in large quantities on our farms. They will often give as large a spike as a fully matured bulb, but as they are small do not bloom so early in the season as either first-size or medium bulbs. Price, prepaid, 50 bulbs for $1.00, by exp., not prepaid, 250 for $4.00; 500 for $7.00; 1,000 for $13.00.

Vaughan's "Standard" Mixture

We have thrown away all the common and cheap leftovers which our trial grounds have proved to exist in old mixtures. We do not send out any mixtures that will not make a brilliant showing in the gardens of our customers. This one, "STANDARD" MIXED, will be found satisfactory everywhere, for mixed beds, borders and masses, and offered at very moderate prices. These are first-size bulbs. Where wanted by mail add for postage at zone rates, 100 bulbs packed, 6 lbs.

Price, doz., 45c, postpaid; by express, not prepaid, 50 for $1.50; 100 for $2.75; 250 for $6.50; 500 for $12.00; per 1,000, $23.00.

D. N. Shoemaker

ORDER for SEEDS, BULBS and SUPPLIES TO

(Use Special Order Sheet attached for PLANTS, TREES, SHRUBS, Etc.)

VAUGHAN'S SEED STORE

S 27

47-49 Barclay Street, NEW YORK   10-12 West Randolph Street, CHICAGO

OUR ORDER NO.

Please do not Write Here

NAME..Date..............................192......
(Write very plainly)

Post Office.. State..................................

Street, P. O. Box
or Rural Delivery..

Express or Freight Office {If different from P. O.} .... Forward Goods by.......................................
(Parcel Post, Express, Freight or Boat)

(SEND NO CASH OR CURRENCY UNLESS REGISTERED)

Make Money Orders or Checks payable to Vaughan's Seed Store

AMOUNT ENCLOSED

Money Order - $.................
Draft or Check $.................
Postage Stamps $.................
Cash - - - - - $.................

See Page 120 for our SPECIAL PREPAID OFFER, also Table of PARCEL POST RATES to different zones.

Your local postmaster will tell you in which Zone you reside as regards NEW YORK or CHICAGO.

More order blanks will be sent upon request. Always write letters on a separate sheet from your order.

We do not warrant in any way, express or implied, the contents, or the description, purity, productiveness, or any other matter of any seeds, bulbs or plants, sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on the above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to the above conditions we make this sale at the moderate prices we charge. VAUGHAN'S SEED STORE (Incorporated).
N. B. Examine seeds closely, test if desired, write us if anything is wrong and we will adjust.

QUANTITY Do Not Abbreviate	NAME OR CATALOG NUMBER OF ARTICLE Where Catalog gives a Number, please order by it.	WEIGHT For Parcel Post Only	PRICE Dols.	Cents
	Substitutes: You may substitute the next best of any variety you cannot supply ☐ Please do not substitute without first notifying me............ ☐ (Please mark a cross (X) in one of the above spaces.)			
	(Order Flower Seeds by Numbers Only) Carried forward,	lbs.	$	

If by mail, and PREPAID OFFER on page 120 does not apply, add postage for your Zone (OVER)

QUANTITY	NAME OR CATALOG NUMBER OF ARTICLE Where Catalog gives a Number, please order by it.	WEIGHT For Parcel Post Only	PRICE Dols.	 Cents
	Brought Forward			

DOMESTIC PARCEL POST RATES On Seeds, Plants, Bulbs, Roots, Books, Tools, etc. within the U. S. and Possessions.		First pound or fraction	Each additional pound or fraction
First Zone	Chicago or New York or 50 miles thereof..	7c	1c
Second Zone	within 50 to 150 miles of either..........	7c	1c
Third Zone	within 150 to 300 miles..........	8c	2c
Fourth Zone	within 300 to 600 miles..........	9c	4c
Fifth Zone	within 600 to 1000 miles..........	10c	6c
Sixth Zone	within 1000 to 1400 miles..........	11c	8c
Seventh Zone	within 1400 to 1800 miles..........	13c	10c
Eighth Zone	all over 1800 miles..........	14c	12c

Total Weight,

Amount for Postage,

Grand Total, $

Filled by .... Checked by .... Packed by ....

Shipped by .... Style of Package ....

Date .... Book .... Weight ....

New Flowers for the Garden of 1927

Each year sees progress in the development of flowers. New colors, improved forms, are constantly being introduced, as the result of scientific plant breeding. We are in touch with the breeders of flowers throughout the world, and have gathered on this page and the two following, the most recent products of their skill. They will add interest as well as beauty to your garden.

ABUTILON □ +

122 **Hybridum Maximum, Giant Flowered Mixed.** It is a splendid house plant and may be grown outside as well during the summer. This variety has huge bell-shaped blossoms in many fine shades and will bloom in 6 months from seed. Pkt., 25c.

ACHIMENES

130 **Best Mixed.** Greenhouse pot plant belonging to Gesneraceae family. Flowers tube shaped in many attractive colors. Nearly all have throats and veins of contrasting shades suitable for hanging baskets and pots. Blooms in 6 months from seed. Pkt., 50c.

AGERATUM

196 **Blue Ball Mexicanum Nanum Compactum.** New deep, dark blue. The plant is dwarf and symmetrical in shape and when in full bloom the foliage is literally covered with small flowers giving the appearance of a closely formed blue ball. Comes true from seed. Pkt., 15c.

208 **Mexicanum Little Dorrit White.** The best dwarf white ageratum. Pkt., 15c.

ALYSSUM

257 **Little Dorrit, White.** It forms perfect little bushes of 4 inches in height, fairly smothered with miniature white flowers, a gem for edging and beds. Pkt., 15c; ¼ oz., 30c.

ANAGALLIS

307 **Grandiflora Coerulea.** Dark blue, center deep purple. Splendid for edging. 10 inch. Pkt., 15c.

ANTIRRHINUM

340 **Majus Grandiflorum Evening Sky.** Beautiful combination of orange, rose, yellow mouth, white throat. Pkt., 15c.

387 **Geneva Pink.** A charming pink, greenhouse forcing variety, originated by a well-known gardener in Lake Geneva. Pkt., $2.00.

391 **Golden Monarch.** Splendid golden yellow flowers produced freely on massive spikes. Pkt., 20c.

392 **Golden Pink Queen.** A commercial variety used by florists for inside growing. An attractive color. Pkt., $1.00.

394 **Helen.** This is also a greenhouse "snap." Lovely salmon in color. Pkt., $1.00.

397 **Madonna.** Pure white broad petaled flower, a compact grower, free bloomer. Pkt., 20c.

400 **Orlando.** Bronze. An odd but popular shade. Good forcer. Pkt., $1.00.

401 **Philadelphia Pink.** One of the best pinks and most popular for growing inside for winter blooming. Pkt., 25c.

408 **White Rock.** This is a selection made by a Kansas florist. A good forcing white of medium height. Pkt., $2.00.

ASTER

598 **Giant Comet Triumph of Paris.** Beautiful white flowers with curled and twisted petals and yellow cushion center. Pkt., 15c.

599 **Giant Comet Salmon Rose.** A very charming and delightful shade with curled and twisted petals. Pkt., 15c.

Cover Collection of Vaughan's Scabiosa

The varieties illustrated on our front cover as indicated above, are Snowball, Rose, Azure Fairy, Cherry, Amethyst, Peachblossom, Fiery Scarlet and Black Prince.

Special Offer. One pkt. of each of the above, 75c.

4740 Vaughan's Special Mixture—Pkt., 10c; ¼ oz., 25c.

ASTER—Continued

791 **Ostrich Feather, Terra Cotta.** Flowers remarkably rich color, petals daintily curled and stems long and strong. A most unique color. Pkt., 10c.

The Sunshine, Improved Anemone Flowered. For description and colored illustration and price please see page 48.

BEGONIA □ +

Semperflorens or Fiberous Rooted. Useful bedding plants and charming house decorations. Seed is very tiny and care must be taken in sowing the seed.

1079 **Gracilis Fireball.** Brilliant crimson flowers. Pkt., 35c.

1080 **Gracilis Rose Charm.** Color fresh rose, resembling that of the Paul Neyron rose, very free bloomer and splendid grower. Pkt., 35c.

1082 **Semperflorens, Flame of Love.** 1 ft. Dense clusters of brilliant scarlet flowers. The blooms are immense size, over 1 inch in diameter, and have shining golden yellow stamens. Foliage bright green, tinted brown. Pkt., 35c.

1083 **Semperflorens Gruppen Konigin.** Lustrous rose flowers, foliage green and brown. Compact grower. Pkt., 35c.

1085 **Semperflorens, Glory of Erfurt.** Large rosy carmine flowers. Pkt., 35c.

1086 **Semperflorens Salmon Queen.** This Begonia has large salmon flowers with dark leaves. Pkt., 35c.

CALENDULA

1194 **The Ball Gold** has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange. Pkt., 25c.

1192 **Ball's Improved Orange.** This is a selection from Ball Orange Calendula made by the originator. Pkt., 25c.

CALLIOPSIS

1209 **Bicolor Splendens.** A bright free-blooming annual. Large golden yellow flowers with brown centers. Pkt., 15c.

CALVARY CLOVER

1249 One of the most unique and interesting of all plants. The plants are very remarkable, resembling clover in foliage and each leaf in its center has a blood-red blotch. The striking characteristic of this interesting plant is the seed capsules. The seed is, so to speak, wrapped up in a ball of prickly fibre, which when unrolled resembles a miniature crown of thorns. It is often grown as a pot plant, but is really a perfectly hardy annual. A plant of great interest and beauty. Height 1 foot. Pkt., 15c.

New Flowers for the Garden of 1927

CARNATION Vaughan's Early and Perpetual Flowering

CANNA

1311 **New Varieties, Mixed.** These seeds are selected from a choice collection of a French specialist who has given much time and attention to this plant. These seeds should produce first-class varieties. Pkt., 25c.

CARNATION

Early Flowering Perpetual. Plants bloom in about five months from sowing and continue to bloom until the end of summer. The flowers are very double, of large size. The calyx does not split. They are borne on stiff stems 15 to 18 inches high.

Our strain will produce 90% double flowers and comes true to color.

1336 **White**
1337 **Yellow**
1338 **Rose Pink**
1339 **Flesh Pink**
1340 **Scarlet**
1341 **Maroon**
1342 **Salmon Rose**

Each of the above. Pkt. (100 seeds), 35c.

1343 Mixed all colors. Pkt. (100 seeds), 35c.

CELOSIA

1462 **Chrysanthemiflora.** Produces a compact round head of flowers in many attractive shades, the deep crimson and pastel shades being particularly attractive, the stems are round and straight and very strong. Pkt., 25c.

1456 **Parrot's Feather.** The plants are stocky in growth, the main stem and each branch being terminated by the most lovely plumes, as gracefully airy and fluffy as the finest ostrich plume. The colors are truly marvelous; most of them have a silvery appearance varying from the most lovely shades of silvery pink, silvery salmon to red, deep red, bright yellow and orange. Many of the plumes are terminated or crowned with cockscombs of varied and fantastic shapes, of texture like the finest velvet plush. Pkt., 25c.

CHEIRANTHUS

1611 **Linifolius.** Award of merit N. H. P. S. Charming hardy annual. Although described as an annual may also be treated as a biennial with equal success. Of low spreading habit, wallflower-like blossoms of an uncommon lilac shade. Pkt. 15c.

CINERARIA □ +

1726 **Hybrida Multiflora Nana.** A new race of Cineraria, producing dwarf plants with masses of small flowers, measuring about ¾-inch diameter, compact heads over small and dainty foliage. The flowers are all self-colored, embracing shades of light and dark pink, light and dark blue, red and violet. Pkt., 35c.

1723 **Feltham Beauty.** Somewhat similar to but dwarfer than Cineraria Stellata, with larger flowers and broader petals, but retaining the true star shape. This mixture has many distinct colors, many having white centers. Pkt., 35c.

CLARKIA

1766 **Vesuvius.** Fiery scarlet and rose. Pkt., 15c.

COLEUS □

1861 **Harlequin.** Foliage very large, laciniated and in the most beautiful colors, especially in rose and apricot shades. Pkt., 25c.

1862 **Pyrenean Giant.** A foliage plant with very large leaves with whitish ground dotted with red shades. Pkt., 25c.

1863 **Large Leaved Dwarf Mixture.** Excellent for pot culture. Pkt., 35c.

DAHLIA □

2056 **Coltness Hybrids.** A splendid new class, habit neat and compact, blooms from July until frost. The flowers have either flat or slightly fluted petals, vary in size, being nearly all three inches in diameter. The colors are most varied embracing shades of red, yellow, white and purple with many bizarre combinations. Pkt., 35c.

2067 **Stella.** A new and striking form of the Single Cactus type of Dahlia, suggesting the shape of a Star-fish, due to the peculiarly recurved shape of the ray petals, which are of a different color on the reverse side, the tints of the latter being generally marbled or watered. The flowers, of which the coloring is extremely varied, appear early and are borne on long, stiff stalks. Pkt., 25c.

2081 **Selecta, Extra Double Giant Flowered.** A most beautiful mixture of the very best new double Dahlias, with flowers on stiff, erect stems. Pkt. (50 seeds), 50c.

2082 **Hornsveld's Giants.** Wonderful new single and semi-double flowers in many brilliant colors. Pkt. 50c.

DELPHINIUM

Improved Giant Hyacinth Flowered. A very handsome flower which must not be confused with the old type of Hyacinth flowered Larkspur. The plants grow in one big spike, broad at the base and tapering to a point at the top, resembling the best of the English type of perennial Delphinium (Larkspur).

2171 **Blue**
2172 **Lilac**
2173 **Pink**
2174 **Purple**
2175 **White**
2176 **Mixed**, all colors

Each of above, Pkt., 15c.

DIANTHUS

2256 **Chinensis Fl. Pl. Tom Thumb Brilliant.** Dwarf, bright red, double garden pink. Pkt., 20c.

2295 **Heddewigi Rosalind.** Double rose flowers, useful for bouquets. Pkt., 15c.

DIMORPHOTHECA

2326 **Ecklonis.** White daisy with a deep blue disc. Pkt., 15c.

GAILLARDIA

2466 **Picta Josephus.** Annual large flowered variety with red blossoms edged yellow. Pkt., 15c.

2474 **Lorenziana Rubra.** Beautiful double red flowers, annual variety. Pkt., 15c.

GILIA

2533 **Coronopofolia** (Standing Cypress). Not a novelty in the true sense of the word but a common old garden plant which needs publicity to bring it to the attention of garden lovers. Stems erect and unbranched. Under good cultivation reaches 6 feet high, very leafy, the divisions being needle-like about one inch long. The flowers are 1½ inches long, trumpet shape, borne along the side of the summit of the stem. The corolla is a brilliant scarlet, a pink-red dotted and yellowish within, varying to orange. Good keepers. A biennial and should be planted against a green background for best effect. Pkt., 15c.

GODETIA

Gladiolus Flowered is quite different from other sorts, inasmuch as it throws up a flower spike much like a gladiolus only more graceful, which is closely set by double flowers in bright and attractive colors. An excellent cut flower and does better in rather poor soil like the Clarkia. We can supply in the following colors:

2588 **Gladiolus Flowered Carmine**
2589 **Gladiolus Flowered Rosy Morn**
2590 **Gladiolus Flowered Rose**

Each of the above., pkt., 15c.

HELIANTHUS

2704 **Intermediate Sanguineus Excelsior.** The new blood-red sunflower. A cross between the Helianthus cucumerifolius purpureus and the Helianthus annual purpureus, from the former it secured its elegant growth, while the latter furnished the large size of the magnificent red flowers. Pkt. 15c.

IPOMOEA

2941 **Early Flowering Rubro Coerulea.** The flowers measure from 3½ to 4 in. across and in color they are the very darkest sky-blue with a white throat. They are profuse bloomers and during a long season the vines are a mass of baby-blue blossoms. Rank growers and the roots should be confined. Pkt. (15 seeds), 25c.

MARIGOLD

3166 **Double Dwarf French Robert Beist.** Shining purple-scarlet. An unusual shade. Pkt., 20c.

3201 **Signata Pumila. Golden Ring.** Pure golden yellow flowers. Pkt., 15c.

MYOSOTIS □

3351 **Indigo Blue Bouquet.** A compact upright grower of the pillar or column type, completely smoothed with attractive flowers of dark blue. Pkt., 25c.

3352 **Pink Bouquet.** A companion to the above, only the flowers are a charming pink shade, splendid for pots or cut flower purposes. Pkt., 25c.

NICOTIANA

3396 **Sanderae Crimson King.** The richest and deepest tint, a dark velvety crimson red which has thus far been produced in this family. Splendid effect when planted with Nicotiana affinis or itself Pkt., 25c.

GODETIA Gladiolus Flowered

New Flowers for the Garden of 1927

PETUNIA Grandiflora Fimbriata

OENOTHERA

3442 **Afterglow.** A very attractive new annual variety; yellow with bright red calyx. Pkt., 20c.

PANSY □

3842 **Mammoth Exhibition.** We can highly recommend this mixture. It is a sturdy grower and has a short habit and large leaves; in consequence the plant remains in good condition all summer. The flowers are round, solid, of gigantic size, and the most bewitching color range and variation. Pkt., (100 seeds) 50c.

3834 **Giant St. Knud.** Giant orange flowers. Pkt. (100 seeds), 25c.

3876 **Vaughan's Perfection Mixed.** A mixture we buy in Europe which we believe to be the cream of all Heartease. Fine plants and well shaped flowers of fine substance in many delightful and charming colors. Pkt. (100 seeds), 50c.; ⅛ oz., $5.00.

3877 **Swiss Giant Mixture.** A new strain producing flowers of gigantic size, great substance, perfectly round and in the most novel color combinations never before found in Pansy flowers. The plants are robust in growth. Pkt. (100 seeds), 50c.; ⅛ oz., $4.00.

PETUNIA

3997 **Compacta Alderman.** Small flowering, deep blue. This is the best small flowering compact Petunia. Same shade as Balcony Blue. Pkt., 50c.

4001 **Hybrida Compacta, Heavenly Blue.** A fine bedding variety in a silvery light blue. Pkt., 35c.

4071 **Hybrida Grandiflora, Copper Rose.** Enormous flowers of wonderful color with a deep white throat, deeply veined—a shade that attracts and holds your attention. The substance of the petals is firm with a velvety surface. Free flowering, but shy seeder. Pkt., 50c.

4051 **Hybrida Grandiflora, Pink Glory.** The color is pure flame rose pink without a trace of purple. The flowers measure 3 to 4 inches in diameter and are slightly ruffled. The plants grow compact to a height of 12 to 15 inches and are continually covered with flowers. Excellent for bedding. Pkt., 50c.

4072 **Hybrida Grandiflora, Romany Lass.** One of the finest introductions of recent years. The flowers are of the large fluffy ruffle type. The color is a clear bright velvety blood-red with purple throat, striped in black. Pkt., 50c.

PETUNIA—Continued

4066 **Hybrida Grandiflora, Dwarf California Giants.** The habit of the plant is very dwarf, flowers very large and of the finest substance, very fine range of color. Pkt., 50c.

4046 **Hybrida Grandiflora Venosa.** A large flower, deep blue veins on light blue. Pkt., 50c.

4061 **Hybrida Grandiflora Fimbriata Coerulea.** Large flowering, fringed delicate blue, veined with dark blue. Pkt., 50c.

4067 **Hybrida Grandiflora Fimbriata Pepita.** Deep carmine, nearly scarlet, blotched white, beautiful varieties, strongly waved and frilled. Pkt., 50c.

4068 **Hybrida Grandiflora Fimbriata Miranda.** Deep carmine, scarlet throat, boldly waved and frilled, the best brilliant red Petunia. Pkt., 50c.

4081 **Grandiflora Superbissima King Alphonso.** Very dark crimson, black throated, boldly waved and fringed petals. Pkt., 50c.

3947 **Hybrida Grandiflora Fimbriata Fl. Pl. Violacea.** Double Royal Purple. Very fine new double variety. A very unusual shade. Pkt., 75c.

3954 **Hybrida Fl. Pl. Nana Compacta Multiflora Rose and White.** Very fine double small flowering dwarf variety in an attractive color combination. Pkt., 50c.

3953 **Hybrida Fl. Pl. Nana Compacta Double Rosy Morn.** Pkt., 50c.

PHACELIA

4101 **Campanularia.** 6 inches. Annual beautiful bright blue bell-shaped flowers. One of the earliest to bloom and flowers last in perfection a long time. Pkt., 15c.

PHLOX

4137 **Drummondi Grandiflora Dark Blue.** The only real blue phlox. Pkt., 25c.

4203 **Drummondi Nana Compacta Violet.** The same as above only the plants remain dwarf, suitable for edging and borders Pkt., 25c.

Cuspidata. The star phlox have quaint and unusual flower formation and make attractive bedding plants doing well in hot sun.

4170 **Coccinea.**
4171 **Rosea.**
4172 **Salmonea.**
4173 **Violacea.**

Each of the above, pkt., 15c.

SAINTPAULIA

4589 **Ionantha.** African violet. A free and long flowering pot plant. Plants are dwarf, leaves like a Gloxinia, flowers beautiful blue with golden anthers resembling those of a large single sweet-scented violet. Pkt., 30c.

SCABIOSA

4728 **Shasta.** A pure white of enormous size, the flowers measuring three and a half inches across with extremely long stems. Pkt., 20c.

4729 **Peachblossom.** A beautiful shade of peachblossom pink, large size and long stems. Excellent cut flower, highly commended by Royal Horticultural Society of Great Britain. Pkt., 20c.

STOCKS

4924 **Bismarck Appleblossom.** A new color in this popular family with blush pink blooms. Pkt., 25c.

4931 **Bismarck Dark Blue.** Pkt., 25c.

SWEET PEAS

5263 **Spencer Snowball** (Late Flowering). A white pea of immense substance, very fragrant. Good keeper and vigorous grower with long stem. Pkt., 25c.

VERBENA

5704 **Luminosa.** The plants of this produce gigantic blooms of luminous flame pink, toning to softer shades of salmon, flesh and coral, giving the bed a most indescribable color which must be seen to be appreciated. Pkt., 25c.

WALLFLOWER

5831 **Double Annual. Golden yellow, brown mixture.** These are the most fragrant and deserve more attention. In Europe they are very popular. This particular variety has double flowers which will appear in four or five months after sowing. Very fragrant. Pkt., 25c.

ZINNIA

6144 **Dahlia Flowered Gold Medal Hybrids.** A well blended mixture made by the originator of all the novelty sorts. Pkt., 25c.

5936 **Colossal Blood Red.** New ruby red. Pkt., 15c.

5937 **Colossal Bright Rose.** Attractive new color. Pkt., 15c.

5942 **Colossal Deep Rose.** Deeper than above. Pkt., 15c.

5943 **Colossal Deep Flesh.** A dainty new shade. Pkt., 15c.

5944 **Colossal Deep Salmon Rose.** Pkt., 15c.

5978 **Colossal Lavender.** Pkt., 15c.

5981 **Colossal Soft Pink** (same color as the Miss Willmott Verbena). A charming and delightful shade. Pkt., 15c.

NOTE—In the colored section which went to press early, unfortunately there are three duplications of numbers as follows:

2505 Gesneria Robusta Perfecta Hybrida. 50c.
Gomphrena Globosa Alba. 10c.

6156 Zinnia
California Giants. Mix. 15c.
Picotee Golden Pheasant. 25c.

6150 Zinnia
California Giants. Lemon Queen. Pkt., 15c.
Vaughan's Special Mixture. 25c.

Please use the name and not numbers for these items.

VERBENA Gigantea

NEW SWEET CORN GOLDEN 60-DAY
See Page 5

Vaughan's Vegetable Novelties and Specialties

ON this and the following page we list some of the outstanding new or special strains of vegetables of more recent introduction. In the different descriptions we have tried to point out by comparison with old standards wherein the new differ and improve upon the old. Much attention has been devoted by breeders the last few years to disease resistance and we offer a number of the successful results. Each year we gather from the world over such varieties as seem to be new, and grow them in our trial grounds to test their merits and adaptability to American conditions. After trial growing and table tests, we can unhesitatingly recommend these varieties to our customers.

Asparagus Washington Rust Resistant Strain—

Developed by the experts of the United States Department of Agriculture.

We offer seeds or plants grown on our Michigan farms from seed sent us by the United States Department of Agriculture.

Rustproof plants are being generally accepted by commercial growers, since the differences between varieties of asparagus are not great, given the same soil and cultivation. Assurance of freedom from disease is of such importance as to predominate in the selection of planting stock. The most satisfactory strain for amateurs and with most commercial growers is MARY WASHINGTON.

MARY WASHINGTON stock is so far the most satisfactory of the three strains. It is the result of a single cross. It is not as resistant as Martha Washington but considerably more vigorous. Pkt., 15c; oz., 35c; ¼ lb., $1.00; lb., $3.50.

WASHINGTON stock is the result of crosses from a single made plant "Washington" with selected female plants. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., $2.00.

MARTHA WASHINGTON stock, like Mary Washington, is the result of a single cross. The most resistant to rust of the three. Pkt., 10c; oz., 30; ¼ lb., 75c; lb., $2.50

ROOTS—1-year old, 50c doz.; $2.75 per 100, postpaid; $2.50 per 100 not prepaid. 2-year-old, 75c per doz.; $4.50 per 100 postpaid; $4.00 per 100 not prepaid.

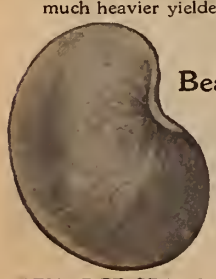
Bean, Vaughan's Monster Stringless Wax—

Illustrated on this page, side by side with two well known and splendid varieties of wax beans is VAUGHAN'S MONSTER STRINGLESS WAX. From left to right, of the illustration, they are arranged as follows: Vaughan's Monster Stringless, Wardwell's Wax and Davis' Wax. So far as size is concerned the illustration is fully explanatory.

Vaughan's Monster Stringless Wax has no superior as to quality and flavor. It is so stringless and tender (without any linen in the pod) that it can be used on the table up to the time the bean is almost ripe. Its color is a light handsome yellow, a color which it assumes almost from its setting. In size it is the largest of all Bush Beans; about half an inch thick and 5 to 8 inches in length. It is early, being within a couple of days of the popular early "Wardwell's Wax." Unlike its parent, Yosemite Wax, it matures its beans evenly and well together. This strain shows up well at exhibitions and it is unsurpassed for home gardens. Pkt., 20c; ¼ lb., 45c; lb., 80c, postpaid.

Bean, Great Northern—

A little larger than the Pea Bean, it is hardier and under ordinary conditions a much heavier yielder. For cooking many give it preference, saying it cooks in a shorter time, is more tender and more digestible. Pkt., 10c; lb., 30c; 2 lbs., 55c; 10 lbs., $1.50.



Bean, Large Green Seeded Pole Lima

It produces beans equal to any of the so-called "giants," and whose greenish tinge adds much to their appearance over the pure white color of the other sorts. The beans are slightly flatter than the Carpinteria variety. Season medium, pods 9 to 10 inches in length, containing an average of 5 to 6 beans, good quality, thin skinned. Like other pole limas, it bears much more freely than do the bush varieties and it should be given plenty of room in planting.

NEW LARGE GREEN SEEDED POLE LIMA Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lb., 85c postpaid; by express, 10 lbs., $3.25.

Cabbage, "Yellows," Disease Resistant—

The loss and destruction of large acreages of cabbage by the disease called yellows in the commercial growing sections of Southern Wisconsin caused an investigation by the plant pathologists of the University of Wisconsin. Prof. L. R. Jones was first to find the cure by selecting and breeding yellows disease-proof varieties. No claim is made of freedom or immunity from other diseases, such as clubfoot, stem rot or black rot. Large crops have been grown on yellows-infected land from disease-resistant seed, where other varieties partially or entirely failed. Yellows disease is prevalent throughout the Mid-central States. We list varieties in order of maturity.

WISCONSIN COPENHAGEN. The strain of Copenhagen Resistant that the Wisconsin experiment station has developed is known as the MARION MARKET due to having been selected from the fields at Marion, New Jersey. In comparing the Marion Market with our Regular Copenhagen it is later by about one week. It is the earliest yellows-resistant cabbage now on the market. Pkt., 20c; ½ oz., 85c; oz., $1.50.

A comparison of size: On right, Davis' Wax; center, Wardwell's wax; left, Monster Stringless Wax.

WISCONSIN ALLHEAD—A yellows-resistant strain of the best early Flat headed variety. Good for kraut, market and home use. Pkt., 15c; ½ oz., 75c; oz., $1.25; ¼ lb., $4.00.

WISCONSIN ALL SEASONS YELLOWS RESISTANT—An early or kraut variety, a selection from the standard All Seasons second early variety. The larger kraut growers of the United States now plant this variety almost exclusively. Originated by Prof. L. R. Jones, U. of W. Pkt., 15c; ½ oz., 60c; oz., $1.00; ¼ lb., $3.90.

BUGNER. A winter variety bred yellows-resistant by means of continual selection on yellows soil near Chicago. The most popular winter cabbage around Chicago. Pkt., 15c; ½ oz., 75c; oz., $1.25; ¼ lb., $4.00.

WISCONSIN NO. 9—Selected from the short-stem type of Dutch Winter Cabbage, about a week earlier than Wisconsin No. 8, Wisconsin grown. Pkt., 15c; ½ oz., 75c; oz., $1.25;

WISCONSIN NO. 8—A late winter keeping cabbage selected from the Dutch Winter or Hollander variety. Pkt., 15c; ½ oz., 75c; oz., $1.25;

RED CABBAGE DISEASE RESISTANT—Main crop. Pkt., 20c; ½ oz., 85c; oz., $1.50.

We can supply one year tested seed of proven immunity to yellows of All Seasons Wisconsin No. 8, Wisconsin No. 9, and Bugner at 25c per oz. in advance of Catalog prices.

Cabbage Penn. State Ballhead—A very heavy yielding strain of the short stem type of Danish Ballhead bred and introdused by Dr. Myers of Pennsylvania State College. Yields as high as twenty-six tons per acre have been recorded. Highly recommended. Pkt., 25c; ½ oz., 85c; ¼ lb., $2.60; lb., $10.00.

Chinese Cabbage, "Paoting"—Genuine "WONG BOK" type. We have obtained from our Chinese growers seeds of this new variety of the Wong Bok type of Chinese cabbage which differs from the Pe Tsai type in being shorter and thicker, in contrast to the tall, slender Pe Tsai. The merit of this new variety is that it will mature firm heads during the summer months. It has produced heads weighing 15 pounds and stands long before going to seed. In crispness and tenderness it resembles the Pe Tsai and has the same fine, celery flavor. It is the largest of the Chinese cabbages and is probably the safest variety for an amateur to plant, especially in the spring. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., $1.25.

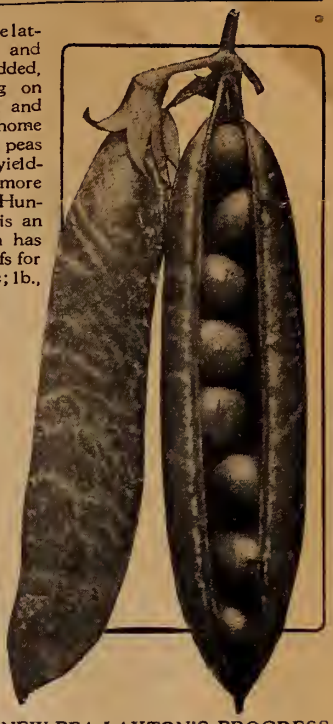
Pe Tsai type (Vaughan Strain. See page 15). Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.40.

Sweet Corn—Golden 60-Day Sweet—The 60-day Makegood Corn is the earliest Sweet Corn we know of and this new golden variety matures at the same time. It is bred from the Makegood strain crossed with Golden Bantam. We offer it this year for the first time. Except for its beautiful golden color and a slightly more pointed ear, it is the same in all respects to our 60-day Makegood. Pkt., 20c; ½ lb., 40c; lb., 75c, postpaid.

Sweet Corn, 60-Day "Make Good"—Of the many extra early sweet corns recently introduced, we prefer this because of its extreme earliness, large ear and good quality. For 3 years in trial we have found nothing earlier of the requisite size. With our Chicago market gardeners who have tried it "Make Good" has been highly profitable. Height 3 feet, ears 10 to 12 rowed, 6 to 7 inches, in length. Pkt. 15c; lb., 50c; 2 lbs., 90c; 10 lbs., $3.75.

Egg Plant, "Neapolitan"—One of our representatives touring Europe found this Egg Plant to be a prized delicacy. He brought home seeds which we grew in our trial grounds and found this variety to be well adapted to American conditions. In size it averages 3 to 3½ inches in diameter by 6 to 8 inches long. It matures about 10 days earlier than the New York or Black Beauty. Its flavor is superior. Pkt., 15c; ½ oz., 40c; oz., 75c.

Pea, Laxton's Progress—The latest and by far the best of the large-podded, large-fruited wrinkled peas, growing on dwarf vines which are the sweetest, and best yielding early varieties for the home garden. Of all the varieties producing peas of equal quality, this is the heaviest yielding. It bears long pods, averaging one more pea to the pod than Blue Bantam, Hundredfold, Pioneer and Laxtonian. It is an improvement upon Laxtonian, which has hitherto been the finest of the dwarfs for table quality. Pkt., 15c; ½ lb., 35c; lb., 60c; 2 lbs., $1.10; 10 lbs., $4.00.



NEW PEA LAXTON'S PROGRESS

Spinach, Bloomsdale Long Standing—Latest of the Long Standing Spinach introductions. Antvorskov (King of Denmark) was the first, prolonging the Spinach harvest into warm weather, because it was so slow to run to seed. Improvement was accomplished through the selection of hermaphorodite plants (bisexual), which run to seed much more slowly than the unisexual. This variety is of better quality than the Antvorskov (King of Denmark), having larger and savory-type leaves. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00.

Squash, "Sweet Potato"—A valuable addition to the list of small squash as of fine flavor which are becoming so popular a feature of fall and winter menus. It is an improved Delicata, as sweet as Table Queen. The fruits average 6 to 8 inches long and they are thick fleshed. When baked and served with melted butter it is a table delicacy of the first order. Pkt., 15c; oz., 30c; ¼ lb., $1.00; lb., $3.00.

NEW SWEET POTATO SQUASH

Muskmelon, Rittenhouse Special—The Rittenhouse Special is a medium large oval melon, pink flesh; having prominent ribs with heavy netting. The flesh is medium in thickness, very fine grain, with a distinctly spicy flavor. The melon acquires its sweet flavor some time before it comes to full maturity and retains its firmness quite a little while after. Season medium to early. Pkt., 20c; ½ oz., 35c; 1 oz., 65c; ¼ lb., $2.00.

Watermelon, Sweet Siberian—A very early variety of Russian origin. The melon is dark and yellow flesh of medium size and superb quality. Gardeners in the North will find the Siberian a treasure. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.00.

Onion, Riverside Sweet Spanish—This is a California grown strain of the Spanish (Denia) onion. With us it grows larger than the American Prizetaker and does not produce the "stiff-necks" usual in the Spanish type. It is the most popular onion in Southern California and when grown as a specimen attains enormous size, 4 to 4½ pounds. Pkt., 15c; ½ oz., 25c; oz., 45c; ¼ lb., $1.40; lb., $5.00.

SAXA RADISH

Pepper, Harris' Early Giant—Not only very large, but the plants grow 10 inches to 2 feet tall, and are covered from top to bottom with enormous peppers. Forty-five as picked from our field filled a bushel crate. It takes only 21 to fill a 14 qt. basket. They average 5 inches long and 3½ inches through. Color a deep green turning to brilliant red. Flesh thick and of a very sweet, pleasant flavor. Pkt., 15c; ½ oz., 70c; oz. $1.30; ¼ lb., $4.25.

Radish, Saxa—This is an European variety which has become very popular in the United States. It is one of the very earliest radishes and quite slow to run to seed. The tops are very small, the radishes are round and bright scarlet. Its spicy fruits will put just the needed kick into the early summer menu. We recommend it for first planting in the garden, and also for forcing in hotbed and greenhouse. Pkt., 10c; oz., 20c; ¼ lb., 45c; 1 lb., $1.40.

Tomatoes, Wilt Resistant—In sections where fungous and bacterial diseases are prevalent in this crop, resistant varieties should be chosen to insure a normal yield.

MARGLOBE—A second-early, red-fruited variety equally suitable for trucking or canning. As early as Bonny Best, it produces large, smooth, meaty, globular, red fruits, which ripen uniformly and are relatively free from cracks. It attracted much favorable comment in commercial trials in the Miami Homestead section of Florida last winter because of its freedom from Nailhead rust and puffiness and the production of from 20 to 50 per cent more fruit than Globe, the variety commonly used there. They make a splendid canned product and first-class pulp. From a 3½ acre field of Marglobe grown under ordinary conditions at the Arlington Experimental Farm this year there were picked over 21 tons per acre, Large yields were reported from nearly every region where this variety has been tried. Pkt., 20c; ¼ oz., 40c; ½ oz., 75c; oz., $1.35; ¼ lb., $5.00.

MARVELOSA is a very productive second-early, pink-fruited variety which produces smooth, globular, firm and evenly-colored fruit. These qualities have already secured its adoption in many commercial greenhouses. It has also been favorably received in trucking regions where the market demands pink fruits. Pkt., 20c; ¼ oz., 40c; ½ oz., 75c; oz., $1.35; ¼ lb., $5.00.

MARGLOBE TOMATO

NORTON or WILT RESISTANT STONE. Introduced by the United States Department of Agriculture. It is the result of work accomplished by Dr. Prichard to produce a variety resistant to Fusarium Wilt. It is a good variety in disease free soil resembling closely the Improved Stone, Perhaps a little later than Stone. It is very prolific. The fruit is smooth and bright red. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., $1.50; lb., $6.00.

Vaughan's Lawn Seed Mixtures

SUCCESS in lawn making requires, first of all, good seed. There is no excuse in these days for guess work about seed. Laboratory tests show its purity and its germination. We do not buy, nor do we sell, seed which fails to meet our high standards, by test in our own seed laboratory.

Vaughan's Park lawn seed has been sold by us for 50 years. In the beginning it was prepared according to a careful formula, for use in the Chicago parks, which were even then famous. The value of this formula has been proved by recent Department of Agriculture experiments confirming our experience.

Our blends are composed of several grasses, each of which has a purpose. Pure seed such as we sell goes twice as far as the impure mixtures generally obtained at bargain prices, and our seed should be mixed with sand when sown to help scatter it.

HOW TO MAKE A LAWN

Your lawn either makes or mars your home and if you would be successful you must closely follow simple rules which if ignored mean failure. The essentials to a perfect lawn are: good seed, correct soil conditions and proper subsequent care. These points are carefully explained in our pamphlet "How To Make a Lawn," written for your guidance and which may be had free upon request. A copy of this pamphlet is contained in every carton of

VAUGHAN'S LAWN SEED

We cannot urge too strongly that you follow these directions as soil conditions, fertilizer and correct seeding methods are as necessary to success as is the fine quality of Vaughan's Lawn Grass mixtures.

Quantity to use—On new lawns, use 1 lb. for every 300 square feet; 5 lbs. for 1500 square feet; 135 to 145 lbs. for one acre. To replenish lawns where turf is thin use half quantity.

Note:—Vaughan's pamphlet on "How To Make a Lawn" discusses all the common lawn grass troubles. Have it solve your problems. Any special questions will be gladly answered by letter.

Vaughan's Park Lawn Seed—The Standard Lawn Mixture

This mixture is composed of heavy, recleaned seed, blended according to the formula proved in our 50 years' experience to be the best for permanent lawns under American conditions. Recent scientific experiments by the Department of Agriculture confirmed what experience had taught us as to our formula. Kentucky blue grass and red top form the bulk of this mixture, to which are added white clover in the correct proportion and other grasses to thicken the turf, and assist in establishing the permanent stand of blue grass upon which good lawns depend. Our mixture produces a lawn that will endure. Price, ½ lb., 25c; 1 lb., 50c; 2 lbs., $1.00; 3 lbs., $1.45; 5 lbs., $2.40; 10 lbs., $4.75; 15 lbs., $7.00; 20 lbs., $9.25; 25 lbs., $11.50; 50 lbs., $22.50; 100 lbs., $40.00.

Vaughan's "Columbian"

For Shady Lawns or Sandy Soil

On sandy soil or in light shade, conditions are met with when making a lawn which require the use of a special grass seed mixture. Vaughan's "Columbian" is the correct mixture for such locations.

½ lb., 25c; 1 lb., 50c; 2 lbs., $1.00; 3 lbs., $1.45; 5 lbs., $2.40; 10 lbs., $4.75; 15 lbs., $7.00; 20 lbs., $9.25; 25 lbs., $11.50; 50 lbs., $22.50; 100 lbs., $40.00.

Write for special prices on larger quantities.

Vaughan's Dense Shade Mixture

Composed of grasses most suited for growing in heavily shaded situations.

Price, lb., 75c; 2 lbs., $1.50; 3 lbs., 2.20; 5 lbs., $3.65; 10 lbs., $7.20; 20 lbs., $14.00

Economy Mixture

As there is always a demand for an inexpensive, temporary lawn grass, we offer this mixture. It contains some Kentucky blue grass but is cheapened by the addition of timothy. Most of the mixtures on the market at this price contain nearly twice as much timothy. This mixture is to be especially recommended for hard use, that is, on lawns around apartment buildings and on parkways where reseeding is necessary every year.

Price, lb. 25c; 2 lbs., 50c; 3 lbs., 70c; 5 lbs., $1.15; 10 lbs., $2.20; 25 lbs., $5.25; 100 lbs., $20.00.

Vaughan's "Quick Show" Grass Mixture

Has not the permanency of color of our "Chicago Parks," but makes a respectable showing the first season. Sow 100 lbs. to acre.

Price, lb., 40c; 2 lbs., 80c; 3 lbs., $1.15; 5 lbs., $1.90; 10 lbs., $3.75; 100 lbs., $32.50.

Terrace Mixture

A mixture of grasses that root quickly and form a good turf under conditions as met with on terraces. Lb. 60c; 2 lbs., $1.20; 3 lbs., $1.75; 5 lbs., $2.85; 10 lbs., $5.50; 100 lbs., $50.00.

Creeping Bent Stolons

We are able to supply this splendid golf grass for private use. It produces a fine lawn in one season but must have extra care, several top dressings a year and frequent mowing. But for those willing and able to provide the needed care it will repay as no other grass known. For $25.00 we will send you enough runners and roots of the grass to plant 1,000 square feet. Smaller quantities cannot be supplied. If larger quantities are desired ask for a special quotation. We furnish complete directions and deliver to you in the best growing condition. A letter giving further information about Creeping Bent Stolons will be sent upon request. It is best to plant Stolons in May and June for spring planting, and from the middle of August to the middle of September for fall planting.

Vaughan's Tennis Court Mixture

Undoubtedly the best there is, not only for Tennis Courts, but for Cricket Grounds, and Bowling Greens, made up of deep-rooting hard-wearing grasses.

Price, lb., 60c; 2 lbs., $1.20; 3 lbs., $1.75; 5 lbs., $2.85; 10 lbs., $5.50; 100 lbs., $50.00.

Vaughan's Special Grass Mixture

This contains a large proportion of the finer and more expensive grasses, like the Bent Grasses, Chewing's Fescue, Kentucky Blue, etc., in extra heavy samples. Produces turf of closest, finest texture.

Price, lb., 70c; 2 lbs., $1.40; 3 lbs., $2.05; 5 lbs., $3.35; 10 lbs., $6.50; 20 lbs., $12.90; 100 lbs., $60.00.

Fairway Mixture

For Fairways we recommend a simple but very well proportioned mixture of Kentucky Blue Grass and Red Top, which gives excellent results and if properly cared for improves with age.

Price, lb., 50c; 2 lbs., $1.00; 3 lbs., $1.45; 5 lbs., $2.40; 10 lbs., $4.75; 100 lbs., $37.00. Sow 100 to 150 lbs. to the acre. Special prices quoted on large quantities.

Putting Green Mixture

We offer a mixture of fancy grasses that make a very good turf but recommend that only one kind of grass be used on putting greens, e.g., European Mixed Bent, or Chewing's Fescue, etc.

Price, lb., 75c; 2 lbs., $1.50; 3 lbs., $2.20; 5 lbs., $3.65; 10 lbs., $7.20; 20 lbs., $14.00.

Seed of the Bent Grasses

EUROPEAN MIXED BENT (so-called "Creeping Bent") is a mixture of Bents including true Creeping Bent, Velvet Bent, and a large percentage of Rhode Island Bent. It has been in high favor as a putting green grass.

The important advantage of the Bent Grasses on lawns is that they like acid soils and can be fed with acid reacting fertilizers, such as Ammonium sulphate, the constant use of which discourages weeds.

These seeds are somewhat to be preferred to the Creeping Bent Stolons for lawn purposes (but not for putting greens) because they do not grow so rapidly and the average home-owner can keep up with the mowing. Seed at the rate of 3 to 4 lbs. per 1000 sq. ft.

European Mixed Bent ("Creeping Bent Grass,") 1 lb., $1.50; 5 lbs., $7.25; 10 lbs., $14.00.

RHODE ISLAND BENT GRASS has been neglected as a lawn grass. It makes a fine close turf of exceilent color and adapts itself readily to any soils particularly acid soils. This grass also makes good putting green turf.

Rhode Island or Colonial Bent, 1 lb., $1.70; 5 lbs., $8.25; 10 lbs., $16.00.

White Clover

Extra fancy seed. Price, ½ lb.. 40c; 1 lb., 75c; 2 lbs., $1 50; 3 lbs., $2.20, 5 lbs., $3.60; 10 lbs., $7.00.

On orders under $2.00 or beyond prepaid zone, add 5c per lb. for postage.
Lawn Seed orders of $2.00 or more prepaid to within 300 miles of Chicago or New York.

Fancy Grass Seeds Unblended

Our analyst is a university graduate with a thorough training in the seed laboratories of the United States Department of Agriculture.

We label all our lots of seed, 10 lbs. or over, with a purity and germination test. Weekly price card sent on request. **Samples free.**

Fancy Kentucky Blue Grass (Poa pratensis)

The greatest of all lawn and pasture grasses for this country. It requires time to establish itself and should be grazed on lightly for the first two years. The seed may be sown in very early Spring or in September. Sow 40 to 60 lbs. per acre for pasture and 135 to 145 lbs. to the acre for lawns.

EXTRA FANCY SUN CURED SEED—Specially recleaned and of high germination; 24 lbs. per bushel. 1 lb., 50c; 5 lbs., $2.10; 10 lbs., $4.00; 100 lbs., $36.00, prepaid to 300 miles.

Fancy Seed, actual weight, 21 lbs. per bu. (The standard grade of recleaned blue grass.) 1 lb., 45c; 5 lbs., $1.85; 10 lbs., $3.50; 100 lbs., $31.00, prepaid to 300 miles.

Red Top Grass (Agrostis alba)

This grass is well adapted to moist and acid soils but will grow and succeed on any and all kinds of soils. It is one of the most valuable grasses for pastures and meadows but not quite as nutritious as Timothy for hay. Sow in Fall or Spring with or without a nurse crop. To sow an acre of pasture use 8 to 10 lbs. of fancy or 20 lbs. of virgin Red Top. It is invaluable in a lawn grass mixture as it comes quickly and protects the slower-growing grasses until they can establish themselves.

Extra Fancy recleaned solid seed (32 lbs. per bu.). 1 lb., 50c; 5 lbs., $1.95; 10 lbs., $3.75; 100 lbs., $33.50, prepaid to 300 miles.

ITEMS BELOW ARE SHIPPED AT BUYER'S EXPENSE. ADD POSTAGE, OR ASK US TO EXPRESS, CHARGES COLLECT.

FESCUES

CHEWINGS FESCUE (NEW ZEALAND GROWN)—There is very little difference between this and the European-grown Red Fescue. Chewings is in even greater demand for Putting Greens than the Red Fescue. Best seeded alone when used for greens. It is a perennial with creeping roots and makes a fine turf. Does well in sandy soils, and in the shade. Sow either Spring or Fall, preferably the last week in August or the first week in September, at the rate of 5 lbs. to 1,000 sq. ft. 1 lb., 55c (by mail 60c); 5 lbs., $2.35; 10 lbs., $4.50; 100 lbs., $41.00.

RED OR CREEPING FESCUE (FESTUCA RUBRA)—We are not offering this year as the available seed is considered to be mixed strains and not all the true creeping red fescue.

SLENDER FESCUE OR FINE-LEAVED SHEEP'S FESCUE (FESTUCA TENUIFOLIA)—Of value as a lawn and pasture grass where it does well on dry and inferior soils as well as in shady places. Sow in Fall or Spring, 30 to 50 lbs. per acre. 1 lb., 90c (by mail, 95c); 5 lbs., $3.50; 10 lbs., $6.85; 100 lbs., $64.00.

SHEEP'S FESCUE (FESTUCA OVINA)—A good grass for upland pastures and for sandy and poor soils. It is very hardy and resists extremes of weather. It grows in tufts, but its fine foliage make it a desirable grass for many purposes. Much used for the "rough" on golf courses. Sow in Fall or Spring, 30 to 50 lbs. per acre. 1 lb., 50c (by mail, 55c); 5 lbs., $2.05; 10 lbs., $3.90; 100 lbs., $35.00.

HARD FESCUE (FESTUCA DURIUSCULA)—This grass does well in sandy pastures. Is a slender and very tufted perennial, a dwarf form of Sheep's Fescue. Sow in Fall or Spring, 30 to 50 lbs. per acre. 1 lb., 50c (by mail, 55c); 5 lbs., $2.05; 10 lbs., $3.90; 100 lbs., $35.00.

ENGLISH BLUE GRASS OR MEADOW FESCUE (FESTUCA ELATIOR PRATENSIS)—A native of Europe, it has become very thoroughly naturalized here. Should be sown with other grasses. Particularly a pasture or meadow grass. Ours is choice American grown. Sow in the Fall or Spring, 30 to 50 lbs. per acre. 1 lb., 50c (by mail 55c); 5 lbs., $2.05; 10 lbs., $3.90; 100 lbs., $35.00.

ROUGH STALKED MEADOW GRASS (POA TRIVIALIS)—An ideal shade grass in the Northern half of the United States if it can have enough moisture. This grass is a perennial closely related to Kentucky Blue Grass, but somewhat finer and softer. It has a splendid apple-green color and is a creeper. Sow in Fall or Spring at rate of 1 lb. to every 300 sq. ft. 5 lbs., 75c (by mail, 80c); 5 lbs., $3.35; 10 lbs., $6.50; 100 lbs., $61.00.

WOOD MEADOW GRASS (POA NEMORALIS)—Used as a shade grass in the Northern half of the United States. It is a very good shade grass that grows well in rather dry soils and should not be used in moist places. A perennial closely related to Kentucky Blue Grass. Sow in the Fall or Spring 1 lb. to every 300 sq. ft. 1 lb., 80c (by mail, 85c); 5 lbs., $3.60; 10 lbs., $7.00; 100 lbs., $66.00.

ORCHARD GRASS (DACTYLIS GLOMERATA)—A very hardy grass, invaluable for pasture mixtures. Ready to cut for hay before Timothy. Not adapted to wet soils. It should not be used in lawn mixtures as it is too coarse and tufted. Sow in the Spring, 25 to 30 lbs. per acre. 1 lb., 30c (by mail, 35c); 5 lbs., $1.25; 10 lbs., $2.30; 100 lbs., $19.00.

RYE GRASSES

ENGLISH OR PERENNIAL RYE GRASS (LOLIUM PERENNE)—Does very well in this country. Good for both pastures and meadows. Moist and rich clays or loams are the soils best suited to it; the seed is heavy and very quick to start. Also a good lawn grass where quick results are wanted. Sow in Spring or Fall, 30 to 40 lbs per acre for pasture. Standard weight, 24 lbs. to the bushel—our seed extra heavy quality, 27-28 lbs. to the bushel. 1 lb., 32c (by mail, 37c); 5 lbs., $1.30; 10 lbs., $2.40; 100 lbs., $20.00.

PACEY'S ENGLISH OR SHORT SEEDED RYE GRASS—A strain selected for its greater yield. The seed is smaller and runs more to the bushel than the standard variety. 1 lb., 35c (by mail, 40c); 5 lbs., $1.35; 10 lbs., $2.55; 100 lbs., $21.50.

ITALIAN RYE GRASS (LOLIUM ITALICUM)—Likes a rich, moist, loamy soil where it does remarkably well and produces good hay and pasturage. Desirable for this purpose in temporary pastures. It is almost an annual, generally lasting a second year, however. Develops very rapidly. Valuable in lawn grass mixtures demanding immediate effect. Used in the South for winter lawn grass. Sow in October in the South, Spring or Fall in the North, 30 to 40 lbs. per acre for pasture; 4 to 7 lbs. per 1,000 sq. ft. on lawns. 1 lb., 30c. (by mail, 35c); 5 lbs., $1.15; 10 lbs., $2.25; 100 lbs., $18.50.

DOMESTIC RYE GRASS—A mixture of the English and Italian Rye Grass, grown in this country. 1 lb., 25c (by mail, 30c); 5 lbs., $1.00; 10 lbs., $1.85; 100 lbs., $14.50.

TIMOTHY (PHLEUM PRATENSE)—The most popular of all hay grasses. A stand is easily secured and growth is very rapid.

Vaughan's Fancy seed (99.5% pure or better), 1 lb., 25c (by mail, 30c); 5 lbs., 75c; 10 lbs., $1.35; bu., $4.80; 100 lbs., $9.50.

BERMUDA GRASS (CYNODON DACTYLON)—The grass for Southern lawns and pastures; hard to kill; resists drought. Should be planted for permanency only in the South; winter kills in the North. Sow in Spring, 100 lbs. per acre for lawns (30 lbs. to bushel). 1 lb., 70c (by mail, 75c); 5 lbs. $3.15; 10 lbs., $6.10; 100 lbs., $57.00.

JOHNSON GRASS (ANDROPOGON HALEPENSIS)—A drought-resister and much used in the warmer parts of the Southern States. Sow in Spring, 1½ bushel per acre (25 lbs. to the bushel). 1 lb., 30c (by mail, 35c); 5 lbs., $1.15; 10 lbs., $2.10; 100 lbs., $17.00.

CANADA BLUE GRASS (POA COMPRESSA)—A hardy grass with dense creeping root stocks. Adapted to all soils and very valuable on poor soils and clay soils. Recommended for Eastern States for dairy use. Sow 40 to 60 lbs. per acre for pasture; 135 to 145 lbs. per acre for lawns, in Fall or Spring. 1 lb., 40c (by mail, 45c); 5 lbs., $1.65; 10 lbs., $3.10; 100 lbs., $27.00.

AWNLESS BROME GRASS (BROMUS INERMIS)—Unsuccessful on arid soils. Very strong, quick growth making two crops or very abundant pasture. It prevents washing on the banks of streams. Sow in the Spring, 2 bushels per acre. (14 lbs. to bushel) 1 lb., 30c (by mail, 35c); 5 lbs., $1.05; 10 lbs., $1.90; 100 lbs., $14.75.

TALL MEADOW OAT GRASS (AVENA ELATIOR PRATENSIS)—An excellent meadow grass for winter grazing and for hay in Southern States and dry climates; should be sown with other grasses. Sow in Spring or Fall, 3 bushels per acre (13 lbs. to bushel). 1 lb., 40c (by mail, 45c); 5 lbs., $1.60; 10 lbs., $3.05; 100 lbs., $26.50.

MEADOW FOXTAIL (ALOPECURUS PRATENSIS)—Every permanent pasture mixture should include some of this grass; particularly good for moist pastures. Does not reach maturity for 2 or 3 years and should be sown with other grasses. Sow in Fall or Spring. (7 lbs. to bushel.) 1 lb., $1.15 (by mail, $1.20); 5 lbs., $5.40; 10 lbs., $10.60.

CRESTED DOGSTAIL (CYNOSURUS CRISTATUS)—Fine leaved perennial, best in rich, moist soils. (21 lbs. to bushel.) 1 lb., 95c (by mail, $1.00); 5 lbs., $4.35; 10 lbs., $8.50; 100 lbs., $81.00.

SWEET VERNAL GRASS

TRUE PERENNIAL (ANTHOXANTHUM ODORATUM)—Very early; imparts pleasant odor to hay. 1 lb., $1.70 (by mail, $1.75); 5 lbs., $6.30; 10 lbs., $12.10.

ANNUAL (ANTHOXANTHUM PUELII)—Sow half pound to acre with other grasses. (10 lbs. to bushel.) 1 lb., 50c (by mail, 55c); 5 lbs., $2.15; 10 lbs., $4.10; 100 lbs., $36.00.

How we *Know* the Seeds we Sell are *Alive* and *Pure*

ALL Vaughan's Seeds are tested. We do not buy, nor sell, seeds which we do not know to be alive, and capable of growth. In order to say this truthfully, we spend a large sum annually in the maintenance of a testing laboratory, under the direction of an expert analyst, a university graduate, who was trained in the seed laboratories of the United States Department of Agriculture.

Fig. 1. Counting Seeds and Preparing Tests

Visitors to our laboratory are welcomed. It occupies spacious quarters in our warehouse, 601 West Jackson boulevard, Chicago, and tests every bag of seed received there. The tests applied are scientific, and accepted by law as proof of the life of the seeds and their ability to grow. On the basis of these tests we pay for the seeds, and sell them to you. So when our seeds do not grow for you, you may know it is not because they lacked vitality. Bad weather, bad soil conditions, or bad treatment, may cause a crop from good seeds to fail. These factors, a seedsman cannot control.

We can make sure that when we sell them they are good and in the hope that you are interested in knowing how we do this, we illustrate on this page, and shall describe in brief, the nature of the tests made in our laboratory—the largest and most complete, we believe, maintained by any garden seed house in the United States.

The Story of a Seed Test

SEEDS which are mature will germinate, as a rule, when subjected to proper conditions of moisture and heat. To germinate means to begin growing. In laboratory tests, the growth is shown by a sprout and the percentage of germination is determined by counting the number which develop healthy, vigorous sprouts after growth has begun. The sample which is tested, is taken by a careful method to insure that it is typical of the entire bag of seed. The illustrations tell the story of a seed test.

Fig. 1 shows an assistant analyst counting seeds and placing them on blotters, which are used to provide the moisture needed. The blotters are moistened with care, for just enough moisture is needed; too much will make trouble.

Fig. 2 shows a germinating chamber, of which our laboratory has four. Each will hold over a thousand separate tests. The heat and humidity within the chamber can be controlled, and here the seeds are kept until they begin to grow.

Figures 3, 4 and 5 show seeds which have sprouted, with very different stories to tell. Fig. 3 is a bean test, very low and presence of mould proves many of the seeds are dead, and would merely decay in the soil. Such a test causes the seeds from which it is taken to be condemned to use as stock feed.

Figures 4 and 5 show excellent tests. The percentage of seeds which have made healthy sprouts in each case is between 90 and 100. Fig. 4 shows muskmelon seeds, and Fig. 5, healthy and live bean seeds. In contrast with Fig. 3 neither shows a trace of mould. These tests prove that the seeds are good, and only seeds which give such tests are sold by Vaughan's Seed Store

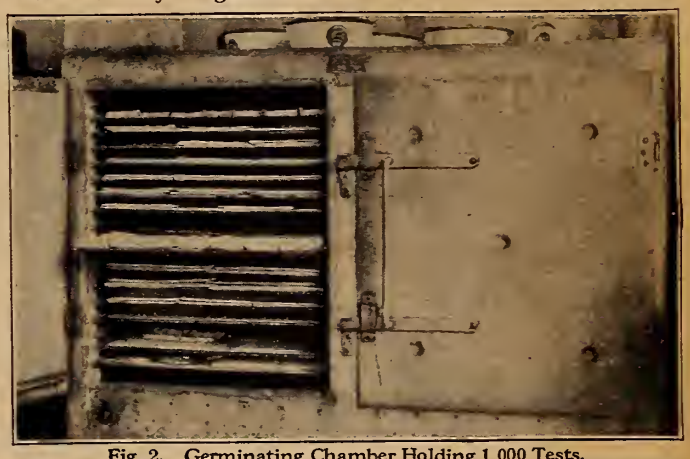


Fig. 2. Germinating Chamber Holding 1,000 Tests.

Where the Weeds Come From

OUR laboratory is also completely equipped for making purity tests. We know exactly how clean each lot of seed is and what weed content it has, if any. To the layman it appears very logical that if weeds come up in his lawn, the seed came in the lawn grass seed. While there is always a trace of the harmless weeds in all seed—due to the fact that cleaning machinery is not absolutely perfect, nevertheless, the percentage present is infinitesmal, while all soil in open ground contains great numbers of them. Practically all of the weeds have very long lived seed which may lie dormant for years. This is one reason they are so plentiful as to become classed as weeds.

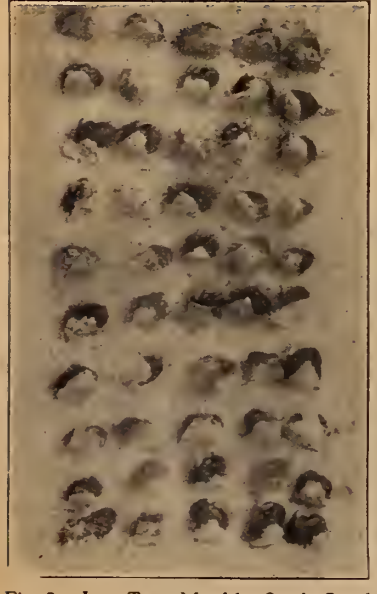


Fig. 3. Low Test, Mouldy, Seeds Condemned

Fig. 4. High Test of Muskmelon Seed

Fig. 5. High Tests, Healthy Sprouts

An Asparagus Bed is a *Lifetime* Investment

BONVALLET'S GIANT

ASPARAGUS from the home garden is one of the most delicious and earliest of crops. It may be grown in any deep, rich soil, either from seed or roots.

SEED PLANTING—Asparagus may be raised from seed and a crop obtained in three years. In early Spring sow the seed, after soaking it twenty-four hours in warm water, in drills about one foot apart and one inch deep. The following Spring, select the best of the roots and place in the permanent bed.

ROOT PLANTING—A year may be saved by buying the plants (one year old are greatly to be preferred) and setting them at least two feet apart in the row, and the rows not closer than four feet; see that the roots are well and evenly spread out in planting and that they are not exposed to the air longer than is absolutely necessary, as they deteriorate rapidly.

WHITE ASPARAGUS. White Asparagus may be grown from the same variety as green. It is merely a method of growing. The roots are set deeper and the stalks are cut underneath the ground before exposure to the light has turned them green.

Washington Rustproof. We are pleased to be able to offer seed of this American strain of Giant Asparagus. It is the first result of a plant-breeding campaign started by the United States Department of Agriculture to produce a rust-resistant asparagus. Rust-resistant and vigorous plants selected from thousands have been crossed with a single male plant "Washington" and most careful re-selection practiced. Grown from seed sent us by the U. S. Dept. of Agriculture.

Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., $2.00.

We offer limited quantity only of the Mary and Martha Washington strain where selected female plants were used.

MARTHA WASHINGTON STOCK—Very rust-resistant. Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., $2.50.

MARY WASHINGTON STOCK—Extra large and strong grown. Pkt., 15c, oz., 35c; ¼ lb., $1.00; lb., $3.50.

ROOTS—1-year-old, 50c doz., $2.75 per 100, postpaid; $2.50 per 100, not prepaid. 2-year-old, 75c per doz., $4.50 per 100, postpaid; $4.00 per 100, not prepaid.

Bonvallet's Giant. Equally good, grown white or green. Bonvallet's Giant is favored on account of its extreme vigor and rust resistance. Usually it produces a crop a year in advance of other sorts. Our strain has been improved each year by careful re-selection. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

Early Giant Argenteuil. Famous Parisian Asparagus. Grows to large size, vigorous and fairly free from rust, superb flavor. Our seed is from one of the largest plantations near Paris. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.00.

PALMETTO. Standard light green. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.00.

CONOVER'S COLOSSAL. A large, fast-growing variety. Pkt., 10c, oz., 15c; ¼ lb., 35c; lb., $1.00.

Asparagus Roots.

	1-Year Old			2-Years Old		
	Doz.	100	1000	Doz.	100	1000
Bonvallet's Giant		$2.00	$12.00	$0.75	$3.00	$17.00
Barr's Mammoth				.75	3.00	17.00
Argenteuil (Giant)		2.00	12.00	.75	3.00	17.00
Conover's Colossal				.60	2.50	16.00
Columbian Mammoth				.60	2.50	16.00
Palmetto		2.00	12.00	.60	2.50	16.00
If by mail add postage as follows	Doz., 5c;	100, 35c.		Doz. 8c;	100, 50c	

Artichoke

The Artichoke is grown for its edible blossoms. It is a perennial but requires renewing every two or three years. The Jerusalem Artichoke, so called, belongs to a different family.

GREEN GLOBE. Perennial, large-flowering heads of exquisite and unique flavor. A prized delicacy of rapidly growing popularity. Matures second year; not hardy in the North. Pkt., 10c; oz. 75c.

JERUSALEM ARTICHOKE ROOTS. Best hog food known. Easily grown. Three bushels plant an acre, enough to keep 20 to 30 hogs from Oct. to April. Cut and plant like potatoes. In Europe the tubers are baked, like potatoes, and esteemed as food because of their distinctive flavor. It grows in a wild form in the United States. Lb., 35c; 3 lbs., 85c. Write for quantity prices.

Don't Fail To Sow Lima Beans and Don't Crowd Them

New Wonder Bush Lima. The recognized standard of bush lima bean quality, so considered by critical experts of highest authority. For general purposes Vaughan's Strain of this splendid sort has now come to be used in all gardens where Bush Limas are planted. Plants are large, prolific, compact and long bearing, maturing in mid-season; the pods are very uniform, slightly curved and usually contain three seeds.

Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 10 lbs., $2.75.

Fordhook Bush Lima Bean. The highest quality Bush Lima Bean, it is the old "Potato" or "Kummerle" improved. This new sort grows very erect, does not come in contact with the ground as did the older sort, named above; pods are twice the size of the "Kummerle" and contain 4 to 5 large, thick, beautiful green beans. In contrast with the old sort, which was dry and mealy, this new Fordhook is tender, sweet and juicy; a richly palatable bush lima bean. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 10 lbs., $3.25.

Improved Bush Lima—Burpee's. This improved Burpee's has larger pods and beans than the original. The vines are heavier and produce larger pods than "New Wonder"—and they mature a week earlier. Vaughan's strain of this excellent sort gives the greatest satisfaction to patrons. Pkt., 10c; lb., 50c; 2 lbs., 90c; 10 lbs., $3.00.

1 and 2-lb. lots of Beans are prepaid to the Third Zone. Beyond Third Zone add 5 cents per pound additional. 10-lb. lots by express or freight at buyer's expense.

Maywood, Ill., Aug. 9, 1926.
I have had wonderful success with the seeds ordered from you this spring.
MRS. ALFRED D. KILBEY,
1813 S. 11th Ave.

NEW WONDER BUSH LIMA

BUSH LIMA—BURPEE'S. Bush 15 to 20 inches high, 24 to 30 inches diameter, large white seeds; thick stems furnish fine support; very productive and splendid quality. Pkt., 10c; lb., 45c; 2 lbs., 80c; 10 lbs., $2.75.

BUSH LIMA—HENDERSON'S. Crop reliable, very productive, compact form, free from mildew. Pkt., 10c; lb., 35c; 2 lbs., 70c; 10 lbs., $2.25.

LIMAS should be planted a little later than the other running beans, in the most favorable location possible, as they are very late in maturing. Always plant with the eye down. They may be sown in hills, or in rows, and allowed to run on chicken wire or strings and thinned to eight or ten inches apart. The Bush Lima is more easily grown than the tall, and is earlier and more economical of space. Many, however, consider the Tall Lima the best flavored of all beans.

Carpinteria Pole Lima. Many expert growers declare Vaughan's "Carpinteria" is the most "perfect Pole Lima Bean." While the seed retains its distinctively green color, it is as prolific as any white lima; the vines are vigorous, bearing quantities of pods, each containing usually four beans. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 10 lbs., $2.75.

Early Leviathan. Exceptionally early, it equals the main crop varieties for large pods; clusters of 5 to 8 grow together. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 10 lbs., $2.75.

Siebert's Early Lima. Hardy, early and an enormous producer, a grand variety for northern climates. Pods are dark green, medium long, well filled with 3 or 4 large beans. Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $2.50.

CARPINTERIA—GREEN SEED LIMA

EXTRA EARLY JERSEY LIMA. Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $2.50.

KING OF THE GARDEN. A climber that blooms and produces to end of season. Uniform pods 5 to 8 inches long, filled with beautiful beans of superior quality. Pkt., 10c; lb., 45c; 2 lbs., 80c; 10 lbs., $2.75.

LARGE LIMA. Very attractive. Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $2.50.

FORD'S MAMMOTH. Pods grow in large clusters and contain from 5 to 7 good beans; edible, green or dry. Pkt., 10c; lb., 45c; 2 lbs., 80c; 10 lbs., $2.75.

CHALLENGER OR DREER'S IMPROVED. Thick pods, good size and flavor. Pkt., 10c; lb., 45c; 2 lbs., 80c; 10 lbs., $3.00.

IDEAL POLE LIMA. Excepting only "Carpinteria," this is best for market in Central States and where main crop can mature. Pods are large, some 8 inches long. Pkt., 10c; lb., 45c; 2 lbs., 80c; 10 lbs., $2.75.

NEW LARGE GREEN SEED LIMA. —See Novelty Pages in front of this Catalog. Pkt., 10c; ½-lb. 30c; lb., 50c; 10 lbs., $3.25.

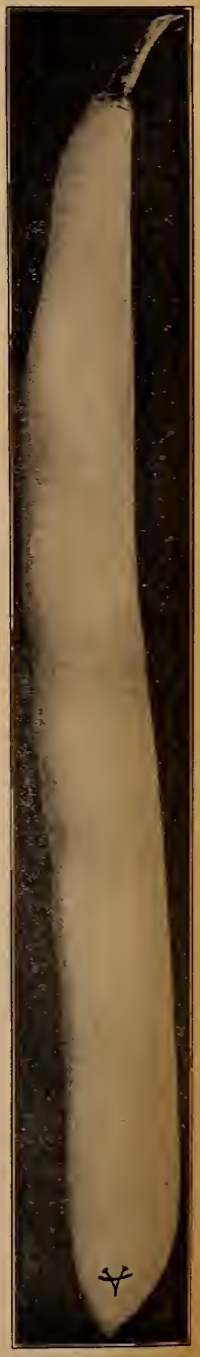
IMPROVED GOLDEN WAX

Every Home Garden Tender, *Stringless*

Improved Golden Wax. A medium early and heavy cropper, on vines of vigorous busby growth, a good rust-resister. Tbe pods are golden-yellow, fleshy and solid, brittle, waxy texture, excellent for bome and market garden. They have an exquisitely rich butter flavor peculiar to this variety.
Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 10 lbs., $3.00.

Sure Crop Wax. BLACK SEED—An extra early, perfectly stringless flat Wax Bean. Tbe pods are large and of a golden-yellow color, whicb they assume when still very small. Pkt., 10c; lb., 45c; 2 lbs., 80c; 10 lbs., $3.00.

New Kidney Wax. A flat, long-podded, beautiful wax bean, perfectly stringless and of the higbest eating quality. Round podded wax beans have generally been regarded as of better quality than tbe flat sorts; here is a flat-podded bean, bowever, with all that can be desired as regards appearance, tenderness and flavor. In addition to these features the New Kidney Wax is a robust grower and a splendid yielder. Pods 6 to 7 incbes long, very thick and meaty. Vines 18 to 20 inches in heigbt.
Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 10 lbs., $3.50.



WARDWELL'S WAX

Wax Podded Bush Beans

BEANS are very tender. The seeds must be sown where they are to grow, when frost has ended and the ground is warm. The bush varieties are much earlier than the pole beans and are usually the main crop in Northern gardens, and in home gardens where space is limited. Sow in rows about fifteen inches apart, and thin the plants to about four inches apart in the row. Keep the surface soil soft and the rows free from weeds. Do not cultivate when the plants are in bloom, as it prevents the flowers from setting pods, and cultivating when the vines are wet with dew spreads the anthracnose, the chief disease of beans.

For the Home Garden—We recommend Wardwell's Kidney Wax, Improved Golden Wax and Round Pod Kidney Wax. The home gardener will find his bean crop one of the most productive in food values. If the plants are kept picked clean they will bear a long time and a second crop will come in late summer continuing through the fall. If space is limited, however, it is better to plant for a succession crop, as the first crop is much the heaviest.

Wardwell's Kidney Wax. In Western prairie soil this sort is at its best, and gives most gratifying results. The pods are 7 inches long, flat, brittle, stringless, straight, finely shaped, beautiful yellow, distinct and attractive.
Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 10 lbs., $3.25.

Pencil Pod Black Wax. Bushy vines, very prolific, 15 inches higb, bear round, thick, stringless, rich yellow pods, 6 to 7 inches long, of excellent quality, containing black seed. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 10 lbs., $3.00.

Round Pod Kidney Wax. Is early, of vigorous growth witb beavy yielding vines; pods are long, round and entirely stringless; have fine flavor. One of the higbest quality beans. One of the best of the round pods.
Pkt., 10c; ½ lb., 30c; lb., 55c; 2 lbs., $1.00; 10 lbs., $3.50.

MONSTER STRINGLESS WAX.—See Novelty Page.

Davis Kidney Wax. Vines vigorous and very prolific, bear handsome, waxy white pods 7 inches long; the finest appearing of all early wax beans. To make this variety entirely rust-proof we select constantly and with great care. The dried beans are kidney-shaped clear white, splendid for baking; but grown for Snap Beans they should be used while young, when free from strings.
Pkt., 10c; lb., 45c; 2 lbs., 80c; 10 lbs., $3.00.

DAVIS KIDNEY WAX

CURRIE'S GOLDEN WAX. Early, hardy, nearly rust-proof. Long, golden-yellow pods, crisp and tender. The seed is black. The much-planted sort.
Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $2.75.

HODSON WAX. The greatest yielder of garden varieties. Season medium early, vines bear a mass of long, straight pods, resembling the Davis Wax.
Pkt., 10c; lb., 45c; 2 lbs., 80c; 10 lbs., $3.00.

WHITE SEEDED GOLDEN WAX (Michigan White Wax). A white seeded, bigh quality Golden Wax type.
Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $2.75.

A Field of Bountiful Beans on Vaughan's Michigan Farms

Vaughan's Specials

We use this sign to indicate sorts which we grow ourselves or stocks which we control absolutely.

THERE ARE NONE BETTER

CHALLENGE BLACK WAX. Early; pods tender and stringless; seed black.
Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $2.65.

WEBBER WAX. A Bean of the same season and utility as Wardwell's Wax and Davis' Kidney Wax. The pod is long, handsome bright yellow in color. Seed yellow. Hardier and more prolific than Wardwell's.
Pkt., 10c; lb., 45c; 2 lbs., 80c; 10 lbs., $3.00.

VIOLET FLAGEOLET WAX. Resists rust; pods large, flat, yellow.
Pkt., 10c; lb., 50c; 2 lbs., 90c; 10 lbs., $3.25.

STRINGLESS REFUGEE WAX. Very productive; pods long, stringless and brittle.
Pkt., 10c; lb., 45c; 2 lbs., 80c; 10 lbs., $3.00.

PROLIFIC BLACK WAX. Very early; prolific; long pod.
Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $2.65.

Two Pounds Prepaid

Catalog prices of peas, beans and sweet corn include prepayment to the third zone from Chicago or New York on lots up to 2 pounds. For postage charge on larger lots see page 120.

Can and Should Grow Delicious *Beans*

VAUGHAN'S BOUNTIFUL STRINGLESS

Green Pod Bush Type

WHETHER one grows Wax or Green Beans is a matter of taste. Tests have proved, as far as can be, that there is no difference in flavor, nor in tenderness; and they are both grown alike. The round-podded varieties are considered to be more brittle, while the flat-podded types are better yielders. Bountiful is a flat-podded variety of remarkable yielding qualities, while Stringless Green Pod and Giant Stringless Green Pod are examples of the round-podded type.

For the Home Garden—Bountiful, Stringless Green Pod, Improved Red Valentine and Stringless Refugee, for all of which we can supply seed grown on our own farms in Michigan.

Stringless Green Pod. The great leader in green pods for general purposes. It is early, and very prolific, the vines bearing long, round, straight, thick, meaty pods, free from strings or fiber; rich deep green color, very attractive and of excellent quality. For succession, plant every two weeks, until September.
Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 10 lbs., $4.00.

Bountiful Stringless. This bean has a long flat pod instead of a round pod like the Stringless Green Pod variety. Bountiful has wonderful quality; absolutely stringless, early and prolific. An even surer cropper than the "Stringless."
Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 10 lbs., $3.00.

Giant Stringless Green Pod. An immense type of "Improved Early Valentine" and nearly as early. The pods have all the excellent qualities of the original with much greater size, which greatly improves the appearance. A splendid succession sort to Stringless Green Pod.
Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 10 lbs., $3.00.

Tennessee Green Pod. This is a second early green pod bean of merit, because of its excellent flavor and quality. The flat pods are extra long and irregular in shape; bright green in color.
Pkt., 10c; lb., 45c; 2 lbs., 80c; 10 lbs., $3.00.

Improved Early Red Valentine. Is very hardy and early, germinates in cold ground where other sorts would not. Vines are about 15 inches high, yield well; pods are round and fleshy and eaten when young are of good quality; the seed is red spotted.
Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c 10 lbs., $2.75.

Longfellow (Round Pod). Very handsome, nearly stringless, beautiful green pods, 7 to 8 inches long; straight and round; very prolific.
Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $2.75.

Black Valentine. It is not as early as "Improved Red Valentine," the original strain from which this was developed and improved, but it is suited to both early and late planting; its hardiness overcomes light frost. The pods are a third longer than Red Valentine, and grow in clusters perfectly straight and round.
Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $2.65.

Full Measure. A main crop variety of bush beans—a Stringless Round Green Pod Bean, and on account of quality and productiveness is growing in popularity each year.
Pkt., 10c; lb., 45c; 2 lbs., 80c; 10 lbs., $3.00.

REFUGEE OR 1000 TO 1. A producer of remarkably large crops. Compared with Valentine it is similar in general qualities, with pods a third longer and tapering to a point; they are perfectly round. Pkt., 10c; lb., 45c; 2 lbs., 80c; 10 lbs., $3.00.

Price per packet of following varieties, 10c., except where noted.

EXTRA EARLY REFUGEE. Similar to the Refugee; two weeks earlier. Lb., 40c; 2 lbs., 75c; 10 lbs., $2.65.

ENGLISH BROAD WINDSOR. An English Dwarf Bean, eaten shelled, best of class. Lb., 45c; 2 lbs., 80c; 10 lbs., $3.00.

DWARF HORTICULTURAL. Late, heavy yielding. Flat yellow pods spotted with red. Lb., 45c; 2 lbs., 80c; 10 lbs., $3.00.

"ROBUST." Robust is a selection of the White Navy Bean introduced by the Michigan Agricultural College. In the College trials Robust has always outyielded other White Beans. It is especially adapted to the heavier soils. Lb., 25c; 2 lb., 45c; 10 lbs., $1.65.

SUTTON'S MASTERPIECE. The best of the greenhouse forcing beans. The pods are flat like Bountiful but larger and thinner. Early in season and a heavy yielder. Pkt., 15c; 1 lb., 50c; 2 lbs., 90c; 10 lbs., $3.50.

IMPROVED NAVY. Fine field sort. Lb., 25c; 2 lbs., 45c; 10 lbs., $1.65.

WHITE KIDNEY. Shell beans. Lb., 30c; 2 lbs., 55c; 10 lbs., $2.00.

RED KIDNEY. Lb., 30c; 2 lbs., 55c; 10 lbs., $2.00.

STRINGLESS REFUGEE GREEN POD. An entirely stringless type of the Refugee or 1000 to 1 variety. Late in season. Fine yielder. Pkt., 10c; lb., 45c; 2 lbs., 80c; 10 lbs., $3.00.

TRIUMPH OF THE FRAMES. Small, French bean. Good under glass. Pkt., 15c; lb., 55c; 2 lbs., $1.00; 10 lbs., $3.75.

WHITE MARROW. Good shell bean. Pkt., 10c; lb., 30c; 2 lbs., 55c; 10 lbs., $2.00.

NOTICE—We offer beans and peas by the pound, instead of pints, etc. 1 lb. is a little more than 1 pint; 2 lbs. is a little more than 1 quart.

Pole Beans, *Later* and More *Prolific*

POLE varieties are more tender than the bush varieties, and must not be planted until the weather is settled and the ground warm. Set the poles about three to four feet apart, and in each hill plant six to eight beans, thinning when well started to the four strongest.

Kentucky Wonder or Old Homestead. Green pod. The old reliable Green Pod Pole Bean. The most widely and universally planted of all the pole varieties. The pods are fleshy, saddle-backed, green, 7 to 10 inches long and stringless when young. Kept picked, they bear throughout the season.
Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., $2.65.

Kentucky Wonder Wax. The best pole wax bean for Northern planting. It is similar in habit of growth to "Kentucky Wonder Green Pod," and bears as early, or when about as high as the average bush bean. Pods are beautiful golden-yellow, and so fleshy that often the thickness surpasses the width; make delicious eating.
Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 10 lbs., $3.00.

Early Golden Cluster Wax. Long, stringless; fine quality; pods in clusters; pure white seeds.
Pkt., 10c; lb., 50c; 2 lbs., 90c; 10 lbs., $3.25.

White Creaseback. Early; long, round, green, stringless tender pods; white beans.
Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $2.85.

Burger's Stringless Green Pod. Small, white bean; good for baking; long-bearing vines.
Pkt., 10c; lb., 45c; 2 lbs., 80c; 10 lbs., $3.00.

Cut Short or Corn Hill. Much used in the South for planting among the corn. Yields well without poles. Short pods, flat to oval in shape; good quality. Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $2.75.

LAZY WIFE. Good shell beans; long, thick, stringless pods. Crop very short. Pkt., 10c; lb., 45c; 2 lbs., 80c; 10 lbs., $3.00.

SCARLET RUNNER. Ornamental, bright red flowers. Good snap bean. Pkt., 10c; lb., 45c; 2 lbs., 80c; 10 lbs., $3.50.

YARD LONG. Or French Asparagus Bean. A long curious bean something like a cow pea, with edible pods. Pkt., 15c.

DUTCH CASEKNIFE. Early, long, green, flat pods; white seeds. Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $2.65

HORTICULTURAL CRANBERRY. For cool climate; early; flat green pods, spotted seeds; good snap or shell. Pkt., 10c; lb., 45c; 2 lbs., 80c; 10 lbs., $3.00.

Sioux Falls, S. D., Aug. 23, 1926.

The flowers I grew from the seeds purchased from you were and are still beautiful. These are the annuals. They are all that can be desired, and have been a great source of joy to all of us. The colossal Zinnias have been admired by all who saw them.

KATHERINE FEYDER,
515 N. Summit Ave.

CROSBY'S EGYPTIAN
The Most Popular Early Beet

From Early *Greens* to Autumn *Pickles*, We Relish

BEETS

BEETS should be sown in drills in the garden as soon as the ground can be worked. Each "seed" is really a hard-shelled fruit cluster containing two or three small seeds. A moist seed bed is needed and the ground should be firmed well over the seed. Thinning out will be necessary, and the young beets and tops cooked together make one of the best dishes of the season. Thin to 5 inches apart for best results. The turnip varieties are earliest and most popular. The long or blood beets sown in May are harvested in the autumn for winter use. Early varieties sown in midsummer may be harvested in autumn and stored for winter. The home garden is not likely to be attacked by either insects or diseases which will injure beets. Swiss chard is a variety of beet grown for its leaves. See Page 38.

Home Garden Varieties—Crosby's Egyptian or Fireball for the early crop and Detroit Dark Red Turnip for main crop and late crop are recommended to home gardeners as providing the very finest table quality. Swiss Chard should be in every home garden.

Crosby's Egyptian. This is a beet famous both for shape, color and quality. Vaughan's strain, always selected to maintain and improve shape and uniformity, flavor and other excellent qualities, has secured for this variety a wide and growing popularity, based solely on merit. Vaughan's Crosby Beet is very early; has deep red color; is smooth and tender, has sweet flesh that is richly palatable.

VAUGHAN'S SELECTED STOCK—Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.50; by express, 5 lbs., $6.50.

STANDARD STOCK—Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00; by express, 5 lbs., $4.00.

Early Wonder. Different seedmen have so many varying ideas of what constitutes a Crosby Egyptian beet that we are listing this particular type now under the name "Early Wonder." The roots run a little deeper (more of a globe shape) than other types, and are deep blood-red in color, with almost no lighter zoning in the cross section of a root. Top small, but large enough for bunching, small tap root. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.50; by express, 5 lbs., $6.50.

Detroit Dark Red Turnip. A main crop variety unequaled as a big cropper. Perfect turnip-shape, small tap root, small upright tops—fine for market bunching. Skin, dark blood-red, flesh, bright red, sweet, tender and delicious.

VAUGHAN'S SELECTED STOCK—Pkt. 15c; oz., 25c; ¼ lb., 50c; lb., $1.50; by express, not prepaid, 5 lbs., $6.50.

STANDARD STOCK—Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00; by express, 5 lbs., $4.00.

Crimson Globe. Second early main crop. Is medium size, about 10 inches around, globe-shape, uniform, without rootlets and perfectly smooth. Foliage is small, rich, purple-bronze color. Flesh is rich blood-red, sweet, tender and never stringy. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00.

Vaughan's Fire Ball. It has no superior in quality, in some respects no equal; it is a "fancy trade" builder. It is early, maturing with "Crosby's Egyptian," has fine globe shape, deep red color and the flesh is solid and very sweet. The tops are small and do not hasten rapid bunching, but small tops permit closer planting than sorts with larger tops. Vaughan's "Fire Ball" is very handsome and highly satisfactory for home use. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.50; 5 lbs., $6.50.

Edmand's Blood Turnip. One of the best, round, well formed, has only one tap root, flesh is deep blood-red, very sweet and tender. They do not grow large and coarse, and, having small tops, they can be planted close.

Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00; by express, 5 lbs., $4.00.

Half-Long Blood. A splendid winter sort, half the length of "Long Smooth Dark Blood," but equally heavy, because thicker. Always smooth, rich dark red; flesh sweet, tender and crisp. Never woody.

Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00; by express, 5 lbs., $4.00.

Vaughan's Chicago Market. A main crop variety of great merit; is turnip-shaped, medium size, tops rather small, and has a fine tap root. The color is perfect dark blood-red; the leaves are dark glossy red, almost black; does not soon overgrow when left in the garden, and is a fine keeper. For the home garden this is a splendid variety. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.50.

LONG SMOOTH DARK BLOOD. Long, slender roots seldom more than 2 inches through, matures rather late, but is an excellent keeper. Flesh is dark red, sweet and tender. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00; by express, 5 lbs., $4.00.

EARLY BLOOD TURNIP. Good color, large and smooth. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00; by express, 5 lbs., $4.00.

ECLIPSE. Roots globular, small tap root. Flesh dark red, zones lighter shade, very sweet, crisp and tender, especially when young. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00; by express, 5 lbs., $4.00.

ELECTRIC. Early as Egyptian, well liked in Eastern markets. Is almost round, leaves small, color very dark rich crimson. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00; by express, 5 lbs., $4.00.

DEWING'S BLOOD TURNIP. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00.

IMPROVED EARLY EGYPTIAN. The best variety for forcing and first early crop. Roots very dark red, rounded on top, flat beneath, small tops. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00; by express, 5 lbs., $4.00.

Radish and Beet trials at our Michigan Farms

Vaughan's Selected Stocks of Crosby's Egyptian and Detroit Dark Red Beet are raised in Eastern United States, where color and type are best maintained.

DETROIT DARK RED
Best Main Crop for Home Garden

LONG SMOOTH DARK BLOOD

See Page 43 for Mangels, Stock Beets (Stock Roots)

OX HEART | DANVERS HALF LONG | IMPROVED LONG ORANGE | NANTES HALF LONG | EARLY CHANTENAY

Carrots Are *Must* on the *Menu*

A *Health* and *Beauty* Food for Young and Old

CARROTS are not alone one of the most wholesome of foods, supplying precious vitamines, but when half-grown are one of the greatest delicacies possible to place on the table. Persons who say they do not like carrots usually will be found never to have tried them young. The seeds are very slow to germinate and they should be marked in the row with radishes or some other quickly-maturing crop which will be harvested before the carrots crowd. Mellow soil which will not bake over the seeds and will not harden in midsummer is the kind carrots like. Plant in rows 18 to 24 inches apart and thin 3 to 4 inches apart.

Vaughan's Select Danvers. This is a very popular and universally planted carrot. It is two weeks later than Chantenay and the diameter of the root is slightly smaller. It is a half-long type, averaging five and one-half inches in length tapering to a blunt point. The color is a rich, deep orange and the table quality is excellent.

In addition to its splendid edible qualities and fine appearance, its yield is greater per acre than that of any other sort; in size, shape, color, sweetness and flavor, it is ideal.

DANVERS SELECT STOCK—Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., $2.00.

HALF LONG DANVERS. Standard Stock. Roots more pointed and slightly smaller than Vaughan's Select Danvers.
Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25; 5 lbs., $5.00.

Carrot Trials at Vaughan's Michigan Farms

Carrots contain the following vitamines: Fat soluble A, water soluble B, and water soluble C. They are especially important in the diet of children.

Early Chantenay. This excellent variety is earlier than Danvers, being ready to use in sixty days after sowing. It is slightly shorter and more stump-rooted, averaging 4½ inches in length, tapering slightly from well set shoulders. It is smooth, of a deep orange color, and of high table quality. Home gardeners may grow this for all purposes, allowing the roots to reach full growth for winter storage.
Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25; 5 lbs., $5.00.
SELECTED STOCK—Pkt., 15c; oz., 25c; ¼ lb., 65c; lb., $2.00.

Nantes Half Long Scarlet. For extra sweetness, this is all by itself. It is of good shape and size. The leaves are fine and the roots almost cylindrical, very smooth and grow about six inches long; the flesh is entirely red and very sweet and almost entirely without a core. This is strongly recommended to home gardeners as by far the best carrot for table quality.
Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.50; 5 lbs., $6.00.

Guerande or Oxheart. Is a variety of very rapid growth, each attains a weight of more than one pound. It is thick, 5 inches long, has very fine flavor and general good quality and tenderness which make it desirable.
Home and market growers find it the best second early, a little earlier and shorter than the Chantenay; good color.
Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25; 5 lbs., $4.50.

Early Short Scarlet. (Dutch Horn.) Larger than French Horn and almost as early, stump-rooted, 1½ inches thick, and about three inches long; fine grain, sweet-flavored, color deep rich orange, and fine for bunching.
Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.40; 5 lbs., $5.50.

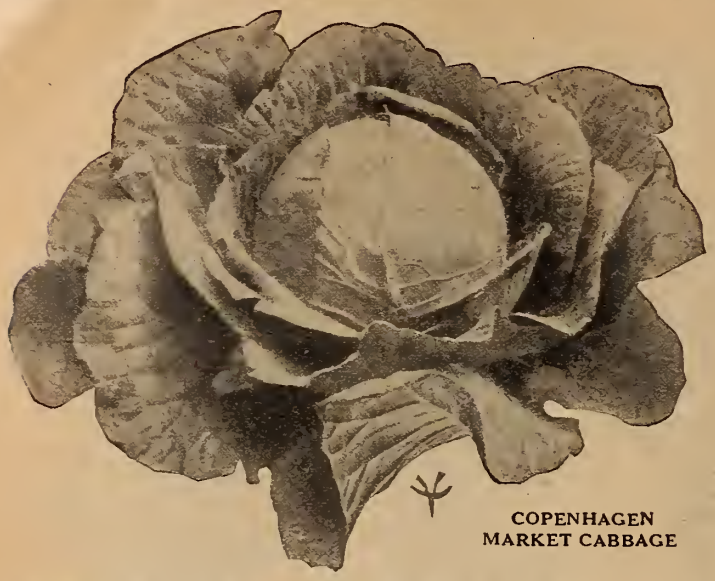
Vaughan's Chicago Forcing. A FORCING STRAIN. It is similar in shape to "Chantenay," develops much earlier; has smoother roots, fine dark red color; before other sorts, it is a little delicate for market purposes; as a forcing sort, or for open ground as an early in home gardens it is fine. Excellent quality, fine short leaves, no core or heart.
Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., $2.00.

Very Early Scarlet Forcing. (French Horn.) Best variety for earliest forcing. Reddish orange-colored roots, nearly round. When matured they are about two inches in diameter. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.50; 5 lbs., $6.00.

Improved Long Orange. A well-known sort, roots long, thickest near the crown, tapering regularly to a point, color deep orange. It is a good keeper of fine quality for winter use, and extensively grown for stock feeding.
Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25; 5 lbs., $4.50.

Carrots for Stock. A complete list of Carrots, Beets and Turnips for stock-feeding purposes is given on page 43.

VERY EARLY SCARLET FORCING



COPENHAGEN MARKET CABBAGE

No Longer Humble; Now Vaughan's Furnish Best for Each Purpose;

THE earliest cabbages may be enjoyed in June from seeds sown in the house or in a hotbed. Early Jersey Wakefield matures in 90 days, and later varieties in 100 to 115 days. Both early and late varieties should be started indoors, and for fall and winter cabbages the late varieties should be started in a seed bed in May. Savoy cabbages excel in table quality and are recommended for the home garden. Plenty of room should be given plants, at least two feet each way. They need a light and well watered soil, rich in nitrogen. Frequent applications of nitrate of soda or some other nitrogenous fertilizer will work wonders. Cabbage worms may be kept off by dusting with Slug Shot or spraying with Pyrox or arsenate of lead.

Vaughan's Select Early Jersey Wakefield. This extra early conical-shaped head cabbage is the best early for planting in the United States. Earliness and hard heading in this variety are most important to growers. Early Jersey Wakefield Cabbage is a specialty with us, and to secure the best seed on our growing farms we spare no expense. We confidently offer the best Early Jersey Wakefield Seed that money can buy anywhere. Successful growers everywhere in the United States plant Vaughan's Seed and get results that spell prosperity. More seed of this sort is planted in the United States than of all other varieties of the same type together. The heads are hard, the outside leaves small, so that close planting is possible

Pkt., 10c; oz., 30c; 2 oz., 55c; ¼ lb., $1.00; lb., $3.50.

EARLY JERSEY WAKEFIELD

Re-selected Copenhagen Market Extra Early. As the earliest of the larger heading cabbages Copenhagen Market is of the utmost importance to both home and market growers. Our re-selected early strain has been sold by us for five years with remarkable results. Truck gardeners have reported that their entire crop from this seed has been marketed before Copenhagen heads from other seed were ready to cut. The product is uniformly early with few outside leaves. This strain is the result of years of work by a European breeder who we believe first bred and produced the Copenhagen Market.

RE-SELECTED TESTED STOCK. Pkt., 15c; ½ oz., 60c; oz., $1.00.
STANDARD STOCK. Pkt., 10c; ½ oz., 25c; oz., 40c; 2 oz., 70c; ¼ lb., $1.25; lb., $4.00.

Vaughan's All Seasons. This special Vaughan's Cabbage, although really an early, is suited to every growing season. Even when planted very late it keeps well, and is of much better quality than the big ribbed winter sorts. The heads are large and solid, leaves small ribbed; matures about same time as "Early Summer" with larger head.

Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., $3.00.

All Head Early or Faultless. Amateur growers who plant only one variety should select this one. This sort matures large, uniform heads of handsome appearance and unsurpassed quality for eating. Vaughan's seed is Long Island grown by the originator.

Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., $3.00.

Early Flat Dutch. Sure solid header; weighs 10 to 12 pounds each head, even size, matures about same time as "Early Summer," a standard Early; it stands long without bursting; as second early it is one of the best. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., $3.00.

Early Summer (New York). The heads are round and flattened. A very popular variety for early market; in season it follows right after "Jersey Wakefield." The heads are of fair size, very compact and solid, the quality is good, it has large outer leaves, has an attractive appearance, being tinged with a peculiar shade of blue. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., $3.00.

New Cabbage—Golden Acre. This is a very good selection of the Copenhagen Market type with heads smaller than our re-selected strain. The season is about the same perhaps a trifle earlier. Very uniform. Pkt., 15c; ½ oz., 60c; oz., $1.00; lb., $10.00.

EXTRA EARLY EXPRESS — Compact, round, thick leaves forming an oval head, remarkably large for size of plant—thicker and less pointed than Jersey Wakefield; matures a short time later. Pkt., 10c; oz., 25c; 2 oz., 45c; ¼ lb., 85c; lb., $3.00.

Charleston Wakefield. This sort matures a few days later than "Early Wakefield," with heads much larger and uniform. Very popular with Southern growers; it does well on heavy soil. Pkt., 10c; oz., 25c; 2 oz., 45c; ¼ lb., 85c; lb., $3.00.

EARLY WINNIGSTADT—Sure to head, regular, conical shape, very hard and hardy, a good keeper winter or summer, one of the best for general use. Best imported seed only. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.75.

EARLY YORK. Heart-shape, small head, firm and tender, may be planted 15 to 18 inches apart. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.75.

SUCCESSION. Heads are large, slightly flatter than "Early Summer," are two weeks later, but run more uniform; heads are solid, keep well, and have splendid quality. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., $3.00.

NEW CABBAGE—GOLDEN ACRE

FOTTLER'S IMPROVED BRUNSWICK. Comes in much earlier than "Premium Flat Dutch." A dwarf growing sort with very large early heads, and is valuable both as Second Early and for winter use. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.75.

GLORY OF ENKHOUSEN. An early, globe-shape, medium size, sure heading and a splendid keeper. Matures right after Copenhagen Market. More uniform and more even maturing than Copenhagen. Originator's stock. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., $3.00.

LATE FLAT DUTCH. Smaller than "Premium Flat Dutch," sometimes a little better keeper. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.75.

ALL SEASONS

Prized for Its Vitamines

Cabbages

Cooking, Salads and Kraut

Danish Ballhead, Tall. From Amager Island, Denmark, comes Vaughan's seed of this most famous and popular of winter cabbages. The seed is grown for us there and we sell it with confidence to our customers, not only because we know it is genuine, but also because we know it is the standard of highest quality and purity. Many trials have demonstrated this to be the best. This is the tall-stemmed strain, different than the short-stemmed "Hollander" or the "Dwarf Amager," the Danish grown strains of the "Hollander." The tall-stem of our Ballhead cabbage distinguishes the strain. Because of perfectly solid head, unequaled keeping and shipping qualities, correct market size, not too large, hard and heavy heads, weighing a fourth more than other sorts of equal size, fine grained leaves which are deliciously tender, this strain has displaced nearly all other winter varieties of cabbages.

VAUGHAN'S SELECTED STOCK. Pkt., 10c; ½ oz., 20c; oz., 35c; 2 oz., 60c; ¼ lb., $1.15; lb., $4.00.

Dutch Winter or Hollander. As a "late spring" seller, no other sort stands near this excellent cabbage, of fine quality. The heads are medium size, averaging about 8 pounds, very solid, have a distinct, white color; coming out as fine and as perfectly solid in the spring, as when put away in the fall; its exceptional keeping quality is a notable characteristic.

Pkt., 10c; ½ oz., 20; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.15; lb., $4.00.

DUTCH WINTER OR HOLLAND STOCK SEED. Pkt., 15c; oz., 40c; 2 oz., 75c; ¼ lb., $1.40; lb., $5.00.

Dwarf Amager, or Short-Stemmed Danish Ballhead. This variety is almost identical with "Dutch Winter or Hollander." We import our seed direct from Amager Island, Denmark; and we supply one-year-old, proven stock, if wanted.

Pkt., 10c; ½ oz., 20c; oz., 30c; 2 oz., 60c; ¼ lb., $1.15; lb., $4.00.

Vaughan's Premium Flat Dutch. Of the Flathead varieties this large heading sort is the most popular; no other cabbage of this class is so universally planted. Seed may be sown in the open ground and plants raised without the use of hotbeds. Our seed produces immense solid heads, uniform, true, and of finest quality. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., $3.00.

Bridgeport Drumhead. The best Large Fall Shipping Cabbage in existence. We introduced this variety over thirty years ago and our strain has been carefully selected every year since. The original type has been kept up and improved to a high degree of perfection. For slicing, for kraut or for general purposes, it has no superior. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., $3.00.

THE CHINESE PE TSAI
THE VAUGHAN STRAIN

LARGE LATE AMERICAN DRUMHEAD; A selected strain in this Standard Winter Cabbage. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., $3.00.

MARBLEHEAD MAMMOTH DRUMHEAD. Late. About the largest cabbage grown. If you wish to make a record on the size of heads sow this variety for a main crop and give it time to mature. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., $3.00.

VAUGHAN'S SURE HEAD. This is a large round flatheaded variety, uniform size and weighing 10 to 15 pounds each head. They are very solid and have fine quality.

Our strain is most popular with market gardeners and large growers—it is a sure header, in most unfavorable seasons. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., $3.00.

Celery Cabbage or Chinese Pe Tsai. THE VAUGHAN STRAIN. This exceptionally fine vegetable is rapidly growing in public favor. Its growth resembles the Cos lettuce, but the outer leaves have the general texture of ordinary cabbage. When the outside leaves are stripped away the cabbage presents a well nigh irresistible appearance. Our strain of this seed is grown in China by a specialist whose family has raised and selected this particular type for many years. Note the compact, tightly folded leaves in our illustration and their beautiful white crispness. The heads blanch without tying. July is the proper planting time.

"A Salad Vegetable" is David Fairchild's estimate of Pe Tsai in a recent Journal of Heredity. As palatable as lettuce, keeps better, equal in food value and can be grown at half the cost of lettuce. Boiled like cabbage it is of equal flavor, without offensive odor and many people who cannot eat or do not like cabbage enthuse over Pe Tsai.

The Vaughan strain Pe Tsai in our trials has been much superior to anything we have tried or seen. Practically every large commercial grower who markets this vegetable is today using our strain.

Pkt., 10c; ½ oz., 30c; oz., 50c; 2 oz., 85c; ¼ lb., $1.40; lb., $5.00.

A Planting of All Seasons Disease-Resistant is shown fully matured planted in the same field with varieties completely destroyed by the "Yellows."

Cabbages "Yellows" Disease Resistant.

See also Pages 4 and 5.

Wisconsin Copenhagen. Known as the Marion Market. In comparing with our Regular Copenhagen it is later by about one week. It is the earliest yellows-resistant cabbage now on the market. Pkt., 20c; ½ oz., 85c; oz., $1.50.

Wisconsin Allhead. A yellows-resistant strain of the best early Flat headed variety. Good for kraut, market and home use. Pkt., 15c; ½ oz., 75c; oz., $1.25; ¼ lb., $4.00.

Variety "All Seasons" Disease-Resistant. This is an early or Kraut variety. A selection from the standard "All Seasons," second early variety. This sort is grown almost exclusively now by the larger kraut growers with uniform success. Pkt., 15c; ½ oz., 60c; oz., $1.00; ¼ lb., $3.90.

Variety Bugner. A winter variety bred yellows-resistant by means of continual selection on yellows soil near Chicago. Pkt., 15c; ½ oz., 75c; oz., $1.25; ¼ lb., $4.00.

Variety Wisconsin No. 9. A winter type, a week earlier than Wisconsin No. 8. Pkt., 15c; ½ oz., 75c; oz., $1.25.

Variety Wisconsin No. 8. A late winter keeping cabbage selected from the Dutch Winter or Hollander variety. Pkt., 15c; ½ oz., 75c; oz., $1.25; ¼ lb., $4.00.

Red Cabbage (New). Disease-resistant, main crop. Pkt., 20c; ½ oz., 85c; oz., $1.50.

Haco, Earliest Round Red (New). This new sort originated in Denmark, and the seed we offer was grown especially for us by the originator. The color is intense dark red throughout, the heads, after being trimmed for market, average 3 lbs. each.

Pkt., 15c; ½ oz., 35c; oz., 60c; 2 oz., $1.00; ¼ lb., $1.80.

DANISH RED STONE HEAD. Hard, round, ball-shaped heads, very compact and keep well. Pkt., 10c; oz., 35c; 2 oz., 60c; ¼ lb., $1.15; lb., $4.00.

MAMMOTH ROCK RED. A sure header of good red color to the center. Pkt., 10c; oz., 40c; ¼ lb., $1.25; lb., $4.00.

ZENITH. A very fine medium early sort. Not large, good quality and fine color. Pkt., 10c; oz., 35c; ¼ lb., $1.15; lb., $4.00.

VAUGHAN'S BLACK DIAMOND. A new second season black-red variety. Pkt., 10c; oz., 35c; 2 oz., 60c; ¼ lb., $1.15; lb., $4.00.

EARLY DARK RED ERFURT. Pkt., 10c; oz., 30c; ¼ lb., $1.00; lb., $3.50.

DARK RED DUTCH. Pkt., 10c; oz., 30c; 2 oz., 55c; ¼ lb., $1.00; lb., $3.50.

RED DRUMHEAD. Pkt., 10c; oz., 30c; ¼ lb., $1.00; lb., $3.50.

SAVOY CABBAGES

IRON HEAD SAVOY. Best of the early sorts. Round head large and solid. Quality excellent. Pkt., 10c; oz., 35c; ¼ lb., $1.00; lb., $3.50.

MARVIN'S SAVOY. A large solid head, very early. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., $3.00.

IMPROVED AMERICAN. Standard main crop sort. Pkt., 10c; oz., 35c; ¼ lb., $1.00; lb., $3.50.

IMPROVED AMERICAN SAVOY

Quality Cauliflower

A Crop You are *Always* Proud to Have Produced

VAUGHAN'S NEW SNOWBALL

CAULIFLOWER is an exacting crop, yet success is easy where the conditions are right. Like radishes, this plant makes quick growth in cool weather. The amateur is likely to succeed best with plants matured in the fall. Start the first crop early in the house and transplant into rich, light soil, where plenty of water can be given; then apply regularly nitrate of soda or liquid manure. Cabbage worms may be killed by Slug Shot, Pyrox or arsenate of lead used before the heads begin to form. To bleach the heads tie up the leaves over them.

Vaughan's New Snowball. For early outdoor planting and forcing Vaughan's "New Snowball" Cauliflower is a strain of exceptional merit and value. In size, compactness and color it is ideal for market; a well grown head will measure 9-10 inches across and have depth in proportion, will be solid, and have a perfectly white core. Its habit is dwarf in growth, with great compactness and very early heading—earlier than any other sort; being dwarf and compact means economy of space when forced in the hotbed. For wintering over to early spring, for forcing during winter and early spring and for early spring outdoor planting, Vaughan's New Snowball Cauliflower is a peerless success. This strain is also extensively planted for late summer and fall market. We therefore commend this cauliflower, with the assurance that it will give satisfaction. Pkt., 25c; ¼ oz., 75c; ½ oz., $1.35; oz., $2.50; ¼ lb., $8.50.

Vaughan's Earliest Dwarf Erfurt. Before the advent of Vaughan's "New Snowball," Earliest Dwarf Erfurt was the standard of early Cauliflowers. In all respects it is similar to Vaughan's New Snowball, but a few days later. Many planters who grow Cauliflower extensively, plant this and Vaughan's Snowball, two varieties that mature in succession. Pkt., 25c; ¼ oz., 75c; ½ oz., $1.35; oz., $2.50; 2 oz., $4.35; ¼ lb., $8.50; lb., $32.00.

Erfurt Grown. A number of our customers insist on having this Erfurt grown seed, produced by one of the most famous seed growers of that locality. Pkt., 30c; ¼ oz., 90c; ½ oz., $1.70; oz., $3.25.

Danish Snowball. Later than Vaughan's "New Snowball." A splendid second early; we take great care and spare no effort to produce seed of this grand Cauliflower, that will give best results. Many of our customers (market growers) plant this sort year after year, and although not so early, nor as even as Vaughan's Snowball, it gives satisfying profit. The best bargain at this price in Cauliflower seed. Pkt., 20c; ½ oz., 80c; oz., $1.50; 2 oz., $2.75; ¼ lb., $5.25; lb., $20.00.

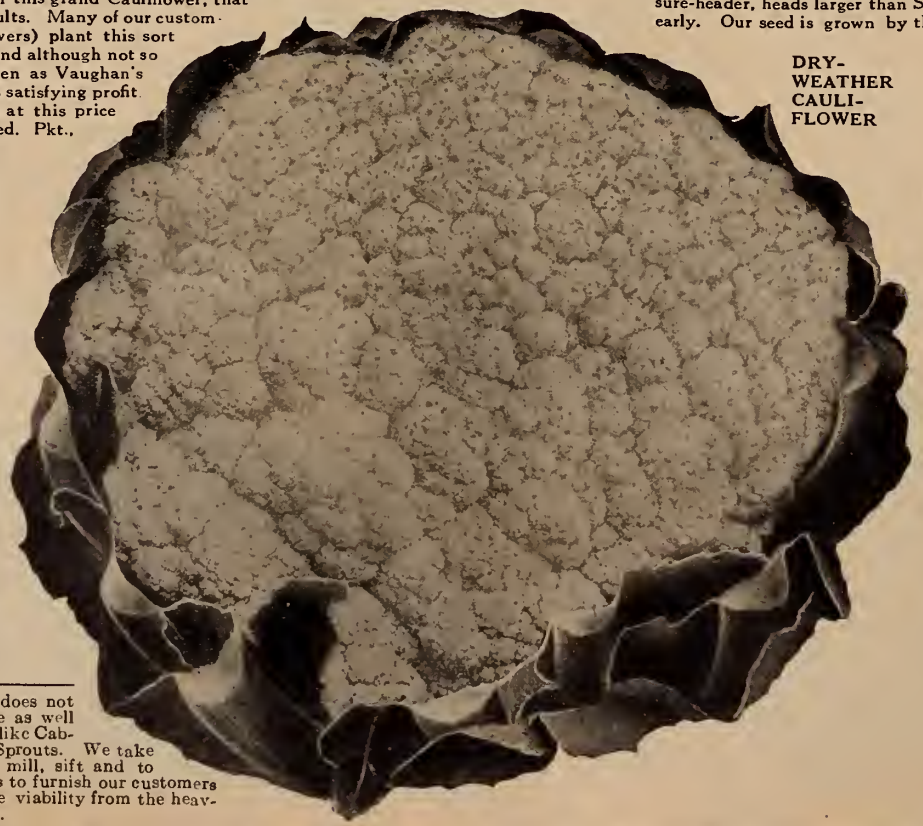
Earliest of All.

This is a Danish forcing strain of "Danish Snowball," a little smaller and a week to ten days earlier. It has very short leaves, and has been bred for first forcing under glass and in frames especially; very sure header. Our strain is pedigreed Danish seed. Pkt., 25c; ¼ oz., 75c; ½ oz., $1.35; oz., $2.50.

Cauliflower seed does not as a rule germinate as well as other Brassicas like Cabbage and Brussel Sprouts. We take particular care to mill, sift and to clean our seed so as to furnish our customers the highest possible viability from the heaviest, plumpest seeds.

Dry Weather Cauliflower. This sort is grown to provide, as far as possible, against hot, dry-weather contingencies of crop failure. Where the more delicately bred varieties would succumb to unfavorable, warm weather conditions, this sort is very desirable; and no large acreage should be planted without giving a place to this. It is a very sure-header, heads larger than Snowball, and is snow-white and second early. Our seed is grown by the originator in Denmark. Plant the best. Pkt., 25c; ¼ oz., 75c; ½ oz., $1.35; oz., $2.50; ¼ lb., $8.50.

DRY-WEATHER CAULIFLOWER



AUTUMN GIANT. In Southern localities this meets with favor as a large heading late fall sort. Pkt., 10c; ½ oz., 30c; oz., 45c; ¼ lb., $1.50.

EXTRA EARLY PARIS. Very dwarf and early, for summer planting. Pkt., 10c; oz., 75c; ¼ lb., $2.75.

HALF EARLY PARIS. Slightly larger and later than above. Pkt., 10c; oz., 75c; ¼ lb., $2.75.

LENORMAND'S SHORT STEM. Bears large white heads on short stems. Pkt., 10c; oz., 75c; ¼ lb., $2.75.

EXTRA EARLY OR SECOND ERFURT. A very fine strain, producing large, white, firm heads: close and of excellent quality. Dwarf, early, always certain to head, early or late. Later and larger than Earliest Erfurt. Pkt., 15c; ¼ oz., 40c; ½ oz., 75c; oz., $1.45; ¼ lb., $5.25; lb., $20.00.

LARGE EARLY ERFURT. This is a vigorous growing, hardy variety, with large, white, firm heads. It is the very best sort for late spring. Pkt., 10c; ½ oz., 75c; oz., $1.35; ¼ lb., $4.50.

We can many times supply one-year field-tested stocks of Cauliflower, Cabbage and other critical seed if desired.

CELERY is often thought to be difficult to grow. Every home gardener whose soil is sufficiently light and rich to produce good lettuce and cabbages may easily produce a family supply of this most welcome delicacy. Start the seed indoors and set the plants out around the middle of May, 8 inches apart for the early kinds and a foot for the winter varieties. Where the soil is very rich they may be grown closer. Keep them growing and do not work over the plants when they are wet with dew or rain. Vaughan's Celery Seed is of the finest strains in the world and is used by market gardeners selling to the most exacting trade.

For the home garden—We recommend Emperor and Golden Self-Blanching.

GOLDEN SELF-BLANCHING

EMPEROR CELERY

Celery Is *Easy* To Grow

WHITE PLUME

and Our Special Strains Will *Delight* You

Golden Self-Blanching. Vaughan's Selected Stock. The choicest sort of delicious celery; it excels all other yellow varieties. Dwarfer, larger bunches, with broad, heavy stalks, which blanch into a rich, appetizing, golden yellow, make this the favorite, most popular, golden celery on the market. Though the stalks are broader and heavier than the white varieties, the quality in sweetness, tender crispness, delicious flavor and absence of strings, make it a most delightful table necessity. It is by far the most planted, most desired and used of all high-class celery. When you purchase Vaughan's Seed of Golden Self-Blanching Celery, you secure the very best seed of the very best sort of celery that skillful growing and exceedingly careful selection, cleaning, etc., can produce. The French originators of this variety have lately introduced a re-selected strain which they are now using. It is earlier and stronger growing than the older type. We offer the two strains separately, the new type French grown by the originators and the old type American grown.

OLD TYPE, Dwarf Strain, Selected French Grown.—Pkt., 15c; ½ oz., 60c; oz., $1.00; ¼ lb., $3.75; lb., $14.00.

NEW TYPE, Tall Strain, Selected French Grown.—Pkt., 20c; ½ oz., 80c; oz., $1.50; ¼ lb., $5.50; lb., $20.00.

OLD TYPE, Dwarf Strain, American Grown.—Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., $2.00; lb., $6.00.

White Plume. Of the white varieties this is recognized the best. Among market growers it is popular because it has excellent marketable qualities; with consumers it is a favorite because of its crisp, tender, and altogether desirable eating qualities. Its habit of growing is vigorous, stalks are uniformly white, and large sized; as a seasonable variety it's a money-maker for the market-gardener. We do not recommend it as a keeper, but wholly as a splendid sort in its season, for which it has the highest endorsements of professional growers. For fall and early winter White Plume Celery grown from Vaughan's seed is a trade-building, money-making sort.

SELECTED STOCK—Pkt., 10c; ½ oz., 20c; oz., 35c; 2 oz., 65c; ¼ lb., $1.25; lb., $4.00.

Giant Pascal. The stalks are very large and solid, crisp and of rich nutty flavor. It blanches very easily and quickly. The heart is golden-yellow and has a very attractive appearance. For Fall and Winter, this is a splendid sort. It is a selection from "Golden Self-Blanching," and possesses many of the qualities of that strain, with the added value of keeping quality. It is certainly one of the best varieties owing to its splendid keeping quality and marketableness. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., $1.25; lb., $4.00.

Rose Ribbed Self-Blanching. (Golden Rose.) A sort of Golden Self-Blanching possessing all its good qualities. The ribs assume a deep, warm, rosy hue.

Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., $2.25; lb., $8.00.

Emperor. A quality variety—almost in a class by itself for flavor and brittleness. It is dwarf in type (hence easier to blanch than taller kinds), second early and a good winter keeper. The stems are round (not moon-shaped). Bred especially for freedom from hollow stalks.

Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.60; lb., $6.00.

Easy Blanching. A recent introduction of merit. It is a vigorous grower, of medium dwarf height, stalks thick, quality excellent. A most desirable variety for the amateur. Second early.

Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., $2.00; lb., $6.00.

SELECTED STRAIN—Especially for market gardeners. Pkt., 15c; ½ oz., 65c; oz., $1.25; ¼ lb., $4.00; lb., $15.00.

WINTER QUEEN. An excellent winter sort with double the amount of heart of any known celery. A beautiful plant of close habit and compact growth; crisp and has delicious nutty flavor. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., $1.00; lb., $3.50.

COLUMBIA. Season early. Plants are dwarf. Light golden heart of splendid flavor. Pkt., 10c; ½ oz., 25c; 1 oz., 40c; ¼ lb., $1 40; lb., $5.00.

FRENCH'S SUCCESS. A fine keeping Winter White Celery. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., $2.00; lb., $6.00.

SOUP CELERY OR SMALLAGE. Green foliage used for soups. Oz., 15c; ¼ lb., 40c; lb., $1.60.

OLD CELERY SEED. Used for flavoring. Oz., 10c; ¼ lb., 20c; lb., 65c.

BOSTON MARKET. White and solid; very dwarf; crisp and tender. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 85c; 1 lb., $3.00.

KALAMAZOO or Giant White Solid. A tall, heavy, solid and very white late variety. Pkt., 10c; ½ oz., 20c; oz., 35; ¼ lb., $1.25.

NEW CELERY GOLDEN PLUME

New Celery Golden Plume

IN our trials the last two seasons we have been much impressed with this new variety. A selection from or a cross with the Golden Self-Blanching, the stalks are short—the heart is large, with a protecting tuft of foliage in the middle. More vigorous than Golden Self-Blanching, it withstands heat and blight better. It is a beautiful gold in color, brittle and of the highest table quality. It deserves a thorough trial.

Pkt., 20c; ½ oz., $1.35; oz., $2.50.

Columbus, O., Nov. 6

Dear Sirs: This is just to tell you that we had a vegetable garden, in which we used none but Vaughan Seeds this summer. Believe me, I never saw such cucumbers and radishes (we're still eating some and so near Thanksgiving). All the vegetables were of superior quality.

Very respectfully,

(MRS.) BERTHA E. HERD.

Vegetables to *Vary* and Give *Zest* are *Easily*

BRUSSELS SPROUTS

BORECOLE—See Kale, p. 19.

BRUSSELS SPROUTS

Brussels Sprouts are miniature cabbages formed on a plant stalk. The delicate flavor is improved by a touch of frost. The culture is practically the same as for cabbage. For late use sow seed in June.

LONG ISLAND IMPROVED The most satisfactory Brussels Sprouts for American conditions; hardy, early, and a heavy yielder. **Pkt., 10c; oz. 30c; ¼ lb., $1.00.**

PARIS MARKET. Half dwarf, excellent yielder. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $2.00.**

IMPROVED DWARF. Dwarf habit and less liable to aphis than others. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $2.00.**

BROCCOLI

A vegetable similar to Cauliflower, of less delicate flavor, but hardier. Of value in northern latitudes, where Cauliflower does not do well.

Large White Mammoth. Good white heads. **Pkt., 10c; ½ oz., 40c; oz., 75c.**

Purple Cape — This has purplish heads and resembles the Algiers Cauliflower in habit of growth. **Pkt., 10c; ½ oz., 40c; oz., 75c.**

WITLOOF CHICORY

CELERIAC—Turnip Rooted Celery

This vegetable deserves much wider cultivation, it has real merit. Cooked and prepared as a salad it is very desirable; it has a rich, meaty, distinct celery flavor. It may also be cooked as are turnips and parsnips. People who like celery flavor will approve **Celeriac.** The roots keep well in winter—recipes for preparing enclosed with seed.

LARGE SMOOTH PRAGUE. Excels in quality, size and appearance. Not like common sorts, which are often crooked and have a lot of useless roots. **Large Smooth Prague Celeriac is the main crop** variety, nearly globe-shape and almost twice the size of Erfurt. We have special selected strain with a minimum of rootlets. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., $1.25; lb., $4.00.**

NEW CELERIAC, "DELICATESSE." Roots are oval, perfectly smooth; no side roots—never rusts. Flesh is pure white, tender, and of general excellent quality; this kind does well on light soils. **Pkt., 15c; ½ oz., 30c; oz., 50c.**

EARLIEST OF ALL. Ready in June; pure white flesh, very tender. **Pkt., 15c; ½ oz., 35c; oz., 60c.**

LARGE ERFURT. A standard. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., $1.25; lb., $4.00.**

CHICORY

Witloof (French Endive). A European delicacy now standard in all best hotels and restaurants in the U. S. It is easily grown. Sow in spring; store parsnip-like roots in sand until wanted for growing on in winter; directions on packages. Special strain. **Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., $3.00.**

Roots of above, 3 for 40c, postpaid (with forcing directions up to April 1st).

Large Rooted Magdeburg. Roots are cut in thick slices, roasted and used as coffee; in spring leaves make good salad. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.60.**

CELERIAC—Giant Prague

LEEK

LARGE MUSSELBURG. Enormous broad leaves, mild flavor. Good exhibition sort. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.50.**

BROAD SCOTCH or LONDON FLAG. Hardy; a strong plant, with broad leaves. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.50.**

ROUEN, LARGE WINTER. Large, excellent—best of all. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.50.**

LONG MEZIERES. One of the very best. Broad, vigorous, erect leaves, long good sized stem, snow-white; fine flavor, very hardy. Unsurpassed for market garden. **Pkt., 10c; oz., 30c; ¼ lb., 80c.**

BULGARIAN WINTER. A most desirable Leek, extremely hardy, enormous size. **Pkt. 10c; oz., 35c.**

CORN SALAD—Field Salad

CORN SALAD. (Mache-Stick, Salat.) A most refreshing salad. Hardy, much used in Winter in place of Lettuce. Sow either in Spring or Fall. **Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.50.**

CORN SALAD

GARDEN CRESS OR PEPPER GRASS

CURLED GARDEN. Used with Lettuce, it adds an agreeable pungency. **Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.00.**

UPLAND CRESS. Has highly prized flavor of Water Cress. Green all year; ready for use before any other salad. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.50.**

WATER CRESS. (Wasser Kresse; Cresson.) The pleasant flavor of Water Cress makes it one of the most delicate salads. It grows where there is a good supply of pure fresh water; it can also be grown in tubs of good soil in a shady place, if plenty of water is given it. Directions with each packet of seed. **Pkt., 15c; oz., 40c; ¼ lb., $1.40; lb., $5.00.**

DANDELION. (Lowenzahn; Dent-de-Lion.) Cultivated for spring greens, is fast gaining favor. Our thick or cabbage leaved variety is best; unlike common sorts, almost double usual size. **Pkt., 10c; ½ oz., 40c; oz., 75c.**

Ontario, Iowa, July 27, 1925.

"I wish to inform you that I had wonderful results with 'Glads' bought of you. They are the admiration of all who see them."

MRS. P. O. STONE.

CARDOON. Main stalks are blanched like Celery; used for salad or in soups. **Pkt., 10c; oz., 50c; ¼ lb., $1.25; lb., $4.50.**

CHERVIL DOUBLE CURLED. Similar to Parsley, handsome for garnishing. **Pkt., 10c; oz., 25c; ¼ lb., 60c.**

COLLARDS. A variety of cabbage used in Southern States. **Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00.**

KOHLRABI

Sow in June or July, in rows, thin to 12 inches.

Bulbs grow above ground, are stripped and cooked like Turnips, but are much sweeter.

EARLY WHITE VIENNA. White and tender. **Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., $3.00.**

EARLY PURPLE VIENNA. **Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., $3.00.**

SHORT-LEAVED EARLY ERFURT. For forcing in open ground. White flesh, very tender, short leaves. **Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., $3.25.**

Sweeter Than Turnips

KOHLRABI White Vienna

to the Menu and Which *Grown* in the Home Garden

EGG PLANT — VAUGHAN'S IMPROVED NEW YORK PURPLE

"New York" is the standard variety of this fine vegetable, and "Vaughan's Improved New York" is the highest type and most popular of that standard—entirely spineless. Plants grow low, stalky and branching, are early and almost continuous bearing; fruits are satiny smooth, rich purple color and large. **Sow Vaughan's seed. Pkt., 10c; oz., 50c; ¼ lb., $1.50; lb., $5.50.**

BLACK BEAUTY. Is 12 days earlier than New York; for Northern home gardens and truckers it is most desirable. In shape it is broad and thick; it is perfectly spineless and smooth; has beautiful, rich purple color and handsome lustre—very attractive and popular. **Plant Vaughan's seed. Pkt., 10c; oz., 60c; ¼ lb., $1.75; lb., $6.00.**

BLACK BEAUTY—An Early variety, suitable for Northern planting

ENDIVE

CHICORY ENDIVE. A delightful autumn and winter salad. Sow seed from middle of June to the end of August.

GREEN CURLED SUMMER. Standard variety for fall and winter. Finely divided leaves, making the plant appear mossy, and when centers are blanched most beautiful. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.50.**

GREEN CURLED WINTER. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.50.

AUTUMN GIANT. Gigantic; ideal for early use; does not stand severe frost. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.50.**

VAUGHAN'S IMP'D NEW YORK PURPLE EGG PLANT

GIANT FRINGED. Most beautiful snow-white heart, fine delicate green fringe. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.60.**

MOSS CURLED. Fine sort. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.50.**

EVER WHITE CURLED. Very crisp. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.50.**

BROAD LEAVED WHITE (Batavian). Slightly curled. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.50.**

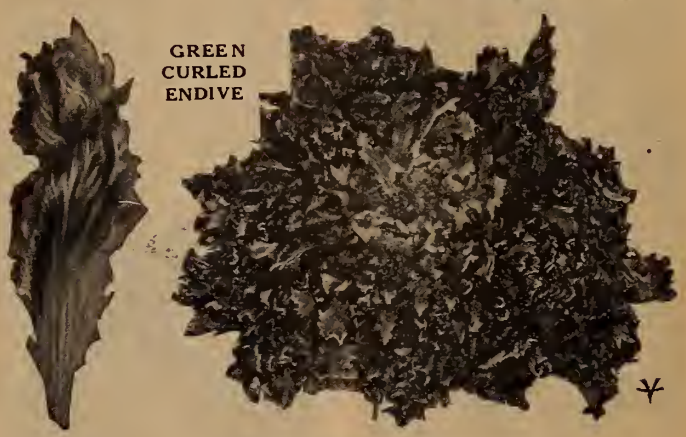
GARLIC — SELECTED BAVARIAN

Lb., 25c; 10 lbs., $1.75. Postage extra. Write for latest market prices on quantities.

HORSE RADISH SETS

ORDINARY HORSE RADISH. Roots produce good Radish, fit for use in one season's growth. Plant the set small end down, so that the top will be 2 inches under soil. **100, $2.00; 500, $8.00; 1000, $15.00.**

HORSE RADISH, Bohemian. Earlier and better producer than the common sort. The roots grow larger and whiter and the quality is superior. All growers should have it. **Sets or Roots, per doz., 75c, postpaid; by express, 50 for $1.60; 100 for $3.00; 1000 for $25.00.**



GREEN CURLED ENDIVE

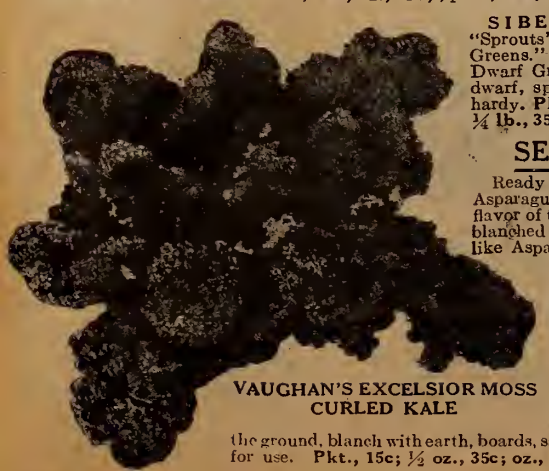
KALE OR BORECOLE

Greens for early fall, winter and spring. Sow seed about middle of June, later transplant to rows 2 to 2½ feet apart. Dwarf sort can be sown later.

DWARF GREEN CURLED KALE. Hardier than Cabbage. Leaves curly as Parsley, tender and very fine flavor. Immense quantities produced in South find ready sales in the North. Vaughan's Extra Selected Stock. Fine strain. **Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.**

VAUGHAN'S EXCELSIOR MOSS CURLED KALE. By far the best Kale in existence. Plants grow 18 to 21 inches high and produce as many as 50 edible leaves to a plant. Leaves very early and unsurpassed in flavor. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.50.**

TALL GREEN CURLED. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.35.



VAUGHAN'S EXCELSIOR MOSS CURLED KALE

SIBERIAN. Called "Sprouts" and "German Greens." Not so curly as Dwarf Green Kale. Plant dwarf, spreading and very hardy. **Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.00.**

SEA KALE

Ready for use earlier than Asparagus, and combines flavor of that and Celery. Its blanched stalks are cooked like Asparagus or the leaves used as greens. Sea Kale comes usually from seed, but can be grown from offsets or root cuttings. Plant in rows 4 to 6 feet apart. Seedlings yield a crop third year. As soon as shoots show above the ground, blanch with earth, boards, sand, etc., until ready for use. **Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., $1.75.**

MUSTARD

Leaves useful as salad or boiled like Spinach.

GIANT SOUTHERN CURLED. Large leaves often measure 14 inches; ready for use in about six weeks after sowing. Plants will continue to yield until frosty weather. Leaves boiled like spinach. **Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 75c.**

IMPROVED OSTRICH PLUME (Fordhook). The handsomest of the mustards. Rich dark green leaves of excellent quality. Vigorous habit and withstands summer heat. **Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.00.**

WHITE, Good for general use. **Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 65c.**

MARTYNIA—For Pickles

The young and tender seed pods make a very fancy pickle. These pods are of curious shapes and borne abundantly. They should be gathered when less than half grown. **Pkt., 10c; ½ oz., 30c; oz., 50c.**

RHUBARB

VAUGHAN'S MAMMOTH. Vigorous and productive; stalks numerous; the large ones being fifteen inches long and fully one inch and a half wide. **Price of Seed per pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.50.**

LINNAEUS. Seed, per pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.50.

GOLIATH. A popular red strain. **Pkt., 10c; oz., 15c; ¼ lb., 45; lb., $1.50.**

CHICAGO GIANT. This dwarf Rhubarb is bred for large stalks and small leaves. **Pkts. only, 15c. Roots, divided clumps, 50c each.**

RHUBARB ROOTS. Set in spring they will furnish leaf stalks the following year. If to go by mail allow for postage, 1-year, 1 lb.; 2-year, 1½ lbs.; 3-year, 2 lbs. See page 120 for zone postage rates.

1-year, each, 25c; 3 for 45c; 10 for $1.30. 2-year, each, 30c; 3 for 75c; 10 for $2.25. 3-year, each, 50c; 3 for $1.35; 10 for $4.00.

CHINESE VEGETABLES

LUFFA ACUTANGULA (Gourd dishcloth), known to Chinese as Sing-kwa. The fruit is eaten when young, being cooked like squash or served in soups and stews. The young fruit is sometimes sliced and dried. Culture is the same as for cucumbers and melons. **Pkt., 10c.**

MOMORDICA CHARANTIA (Balsam Pear), known to Chinese as La-kwa, for the edible pulpy arils surrounding the seed, also for the edible fruit itself which is prepared, usually by boiling, before it is ripe. Vine grows 10 feet or more. **Pkt., 10c.**

MAMMOTH WHITE CORY

Only the Home Garden Owner Sweetest, Earliest and

Vaughan's Mammoth White Cory. The great popularity of this extra early Sweet Corn is due to the fact that it was successfully bred for three important qualities—Earliness, Size, Sweetness. Placed in whichever order you wish, these are the dominant characteristics of this favorite corn. Early as the earliest corn; the ears are as long with two to four more rows of kernels set close, so there is no loss of space in the cob. The grains are of medium size, broad, very white and of high table quality. The stalks are a little less than medium size, vigorous and prolific, usually averaging two ears to the plant. Our seed is grown and bred on our own farms. No more careful selection can be practised than we use, and ears are dried in crates to insure high germination.

VAUGHAN SPECIAL

Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 65c; 10 lbs., $2.25.

Stowell's Evergreen. The great standard main crop variety of Sweet Corn. The stalks are strong and vigorous and grow 7 to 8 feet high, and bear ears 8 inches long, with 16 or more rows of the finest sugary grains. We have specialized in this grand sweet corn for many years, and we say with confidence our strain is the best that money can buy. Vaughan's New England grown seed develops a larger percentage of sugar than seed grown in the Western States. We quote prices here for both.

SELECT EASTERN GROWN—Pkt., 10c; lb., 40c; 2 lbs., 75c. 10 lbs., $2.50.

WESTERN GROWN, EASTERN STOCK SEED—Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 65c; 10 lbs., $2.25.

VAUGHAN SPECIAL

MALAKOFF. The Great Sweet Corn for Northern country; in the Northern States and Canada where the season calls for quick maturing this is the best of all sweet corns. In flavor it has no equal. It is a dwarf growing corn, rarely exceeding 4 feet in height; the stalks usually average 2 ears each. The kernels are shallow and sweet. We have specialized in this variety. Our stock has been carefully re-selected and the crop harvested on our Michigan farm. Pkt., 10c; lb., 35c; 2 lbs., 65c; 10 lbs., $2.25.

VAUGHAN SPECIAL

EARLY MAYFLOWER. In the New England States this is the earliest sweet corn of good size. In the Middle West it is not as early as Early Iowa. White cob and kernels, larger than White Cory and ten days earlier. New England grown seed. Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $2.50.

EARLY CORY. Red cob. A special strain of the extra hardy sort. Pkt., 10c; lb., 35c; 2 lbs., 65c; 10 lbs., $2.25.

New Earliest Corn. See Novelty Pages.

TESTIMONIAL

I want to tell you my "Rainbow Mixture of Gladioli was beautiful. The surprises were great, fine, and all so large and the colors wonderful. Many of our friends intend sending to you for bulbs.

MRS. THOS. A. SULLIVAN,
Kenosha, Wis.

STOWELL'S EVERGREEN

GOLDEN CREAM (A Late Yellow). A cross of Golden Bantam and Country Gentleman. The result is a yellow Country Gentleman. Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $2.50. (Larger quantities of all Sweet Corns or other seeds at 10-lb. rate.)

EARLY MINNESOTA. A favorite early, a few days later than Mammoth White Cory, ears have 8 to 10 rows of large white grains. Very productive. Pkt., 10c; lb., 35c; 2 lbs., 65c; 10 lbs., $2.25.

NARROW GRAINED EVERGREEN. A selection from the broad grained Evergreen in which the large-sized cob is retained with the kernels only half as wide as the Standard Sort. The result is a much more attractive looking corn. Especially valuable to market growers and canners. Pkt., 10c, lb., 40c; 2 lbs., 75c; 10 lbs., $2.50.

TWO POUNDS PREPAID

Catalog prices of sweet corn, peas and beans include prepayment to the third zone from Chicago or New York on lots up to 2 pounds. For postage charge on larger lots see page 120.

SWEET CORN is the home garden crop. Scientists say the sugar content of such a variety as Stowell's Evergreen is 5 per cent; and within thirty minutes after it has been picked, this percentage will begin to decrease through chemical action. Only the home gardener, therefore, can enjoy it at its best, this greatest of American table delicacies. Sweet Corn may be sown earlier than field corn. May 1 is usually safe in the latitude of New York and Chicago. Fertilizer will give a good start and an early harvest.

Our special strains of Sweet Corn include Bantam Evergreen, which is

HOWLING MOB. A large-eared fine second early corn. About the same season as Early Champion, ear slightly larger. The kernels are small in size, of delightful flavor. Pkt., 10c; lb., 35c; 2 lbs., 65c; 10 lbs., $2.25.

EARLY CROSBY. A high quality, second early, very popular in Eastern sections, especially New England. Ears about six inches long, 14-rowed, grains square, very white, sweet and tender. Pkt., 10c; lb., 35c; 2 lbs., 65c; 10 lbs., $2.25.

LATE MAMMOTH. Produces the largest ears of all sweet corn varieties. A little late in season. In spite of its immense size, the ears are of excellent quality, delicious, sweet and tender. Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $2.50.

METROPOLITAN. Popular in Eastern States, season between Minnesota and Champion. Kernels have 10 to 12 rows, large and very sweet. Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $2.50.

ADAM'S EXTRA EARLY. Not sweet but early. Pkt., 10c; lb., 30c; 2 lbs., 55c; 10 lbs., $2.00.

ADAM'S EARLY. Not sweet but early. Pkt., 10c; lb., 30c; 2 lbs., 50c; 10 lbs., $1.90.

(Larger quantities than 10 lbs., of any kinds on this page at 10-lb. rate.)

GOLDEN BANTAM ON OUR MICHIGAN FARMS

Our special strain of Golden Bantam, the quality standard for sweet corn, is grown under our direct supervision on our farms at Ovid, Mich., where soil and climate are favorable. In size of ear, perfection of filling, and high germination it is superior to all other strains that we have tried.

Can Know the *True Flavor* of *Tenderest* Sweet Corn

a large Golden Bantam, produced by crossing this variety with Stowell's Evergreen; Golden Bantam, a strain larger and earlier than others; Mammoth White Cory, especially selected for early maturity; Malakoff, the best variety for the Northern country, and Early Evergreen.

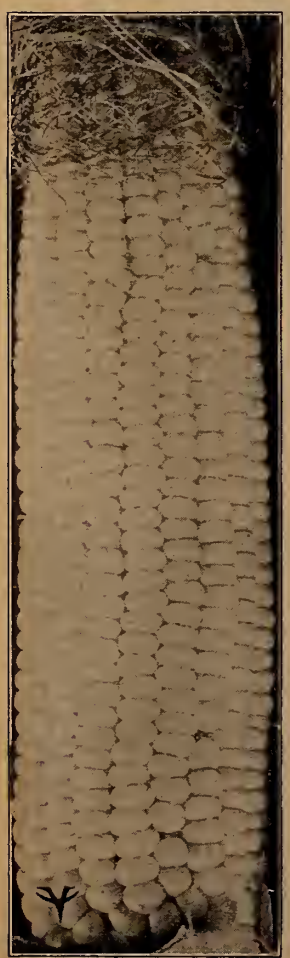
For the Home Garden—First early, Malakoff; Golden Bantam, main early crop, with Bantam Evergreen next, followed by Stowell's Evergreen, Country Gentleman, Black Mexican or by successive plantings of Golden Bantam are recommended. A very fine quality early white corn is the Early Crosby, the New England favorite.

Golden Bantam. Now the most popular of all first early Sweet Corns and planted in nearly every garden. This "Yellow Nugget" has made more enthusiastic and satisfied amateur horticulturalists than acres of successful gardens filled with other vegetables. Golden Bantam is about a week later in season than Cory or the first earlies. The ears are borne two to a stalk, and are about six inches in length with eight rows of kernels on a cob. We grow our seed of this sort on our own farms in Michigan, and we have taken great care in the development and culture of our strain. Pkt., 10c; ½ lb., 20c; lb., 40c; 2 lbs., 75c; 10 lbs., $2.50.

Vaughan's Bantam Evergreen. Best and Sweetest Sugar Corn. A corn of Golden Bantam quality of the right size. It is a product of Golden Bantam crossed with Stowell's Evergreen. It has retained the quality of the Bantam and has the more tender skin of the Evergreen. Market gardeners are at least able to sell a merchantable sized ear of corn superior in quality to any on the market. Grown and bred in New England, the home of sweet corn, where it is pronounced the sweetest corn ever eaten. Pkt., 10c; ½ lb., 20c; lb., 40c; 2 lbs., 75c; 10 lbs. $2.50.

Country Gentleman. Is a late main crop variety, which should find a place with every grower for home or market. The ears which are 7 to 9 inches long are borne on stalks 6 to 7 feet high. Unlike other sorts the grain is small and rather round and crowded together on the cob, instead of forming in defined rows. Deliciously tender and sweet this corn is regarded by many as the highest quality of all White Sweet corns. Vaughan's strain has been especially selected for small deep kernels and high sugar content and represents the highest bred type. Pkt., 10c; ½ lb., 20c; lb., 40c; 2 lbs., 75c; 10 lbs., $2.65.

IMPROVED EARLY CHAMPION. Two weeks later than "Mammoth White Cory." The ears have 12 very uniform rows of pure white, not too large, kernels, which are tender and full of milk. The ears are medium, often three on a stalk. Planted by many gardeners for both early and late. Pkt., 10c; lb., 35c; 2 lbs., 65c; 10 lbs., $2.25.



EARLY EVERGREEN

GOLDEN BANTAM

COUNTRY GENTLEMAN

EARLY EVERGREEN. Very large ears are characteristic of this sort. It is earlier than Stowell's Evergreen by 8 to 10 days. This variety remains green for a long time and in northern localities is a surer cropper than Stowell's Evergreen, of which this is a smaller sort. Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $2.50.

BANTAM EVERGREEN

BLACK MEXICAN. Everyone who has seen this Corn remembers it and the delicious sweetness and fine grain qualities in spite of its dark color, making it more and more of a favorite every year. Eight to ten-rowed; ears about 8 inches long; kernels bluish purple to black and rather flat. Pkt., 10c; lb., 35c 2 lbs., 65c; 10 lbs., $2.25.

VAUGHAN'S BLACK SUGAR. This is an Eastern grown selection of the Black Mexican variety. Our grower has selected it for large maturing ears and high sugar qualities. For one who has never grown this corn its quality is a revelation. Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $2.50.

Any of the following, per pkt., 10c.

KENDEL'S EARLY GIANT. Lb., 35c; 2 lbs., 65c; 10 lbs., $2.25.

EARLY MAMMOTH. Lb., 35c; 2 lbs., 65c; 10 lbs., $2.50.

OLD COLONY. Lb. 35c; 2 lbs., 65c; 10 lbs., $2.25.

WHITE EVERGREEN. Lb. 40c; 2 lbs., 75c; 10 lbs., $2.50

(Larger quantities all Sweet Corns at 10-lb. rate.)

SWEET CORN FOR SUCCESSION. Plant the following varieties at one time and they mature so as to furnish green corn throughout the season: Mammoth White Cory, Early Champion, Stowell's Evergreen. Offer No. C3X. 1 pkt. each (3 kinds), 25c; prepaid.

CUCUMBERS For *Salads* and *Pickles* Table Quality—

TYPICAL FRUIT OF THE VAUGHAN CUCUMBER

CUCUMBERS are close relatives of melons but mature in about sixty days and may be brought to maturity with little trouble in the home garden. The seeds must be sown after the ground becomes warm, and the plants thinned to three or four to the hill. A very rich soil is the best precaution against insects and the blight. The striped beetle should be kept away from the young plants by liberal applications of Slug Shot, powdered arsenate of lead or tobacco dust. The under sides of the leaves must be sprayed with nicotine to kill aphis.

For the Home Garden—The Vaughan is the finest table cucumber for the home garden. A pickling variety, should be grown for pickles.

NEW CUCUMBER—"The Vaughan." As we prophesied, the "Vaughan" has proven a sensational novelty. It is as much in advance over the Davis Perfect variety as the "Davis" was over the old extra long White Spine sorts. Compared to the other cucumbers of the same class (Long White Spine varieties) like Davis Perfect and Fordhook Famous it is much darker in color, more uniform in shape and size, thinner and more prolific. It is the ideal American forcing variety, as well as an outdoor sort. Our customers, who grow it have greenhouse cucumbers raised outdoors. The following letter was received from the J. C. Robinson Seed Company of Waterloo, Nehraska: "We have tried the Vaughan Cucumher out for two years in our trials, and must say you have a wonderful new sort in this Cucumher. It certainly will displace most other kinds, in our opinion. You are to he congratulated upon introducing this new Cucumber." Pkt., 15c; oz., 40c; ¼ lb., $1.25; lh., $4.50.

Cucumber, Earliest of All. A fair size, dark green White Spine. The earliest of good quality we have tried, of especial value in localities where hlight prevents the maturing of the late and longer sorts; also of value in the South for first crop. Home gardeners who wish to have the first cucumbers in their neighhorhood should try this variety.
Pkt., 10c; oz., 15c; ¼ lh., 45c; lb., $1.40.

Cucumber, Early Fortune. An especially fine, medium length. White Spine Cucumher much planted in the South for shipment to the Northern markets. It has a fine, dark green color which it holds for a long time after picking.
Pkt., 10c; oz., 20c; ¼ lb., 50c; lh., $1.50.

Quick Growing Pickling Cucumbers Heavy Yielding

Westerfield's Chicago Pickle. Since we first introduced this pickle years ago, it has heen a distinguished success; it secures the highest market price hecause of its known splendid qualities, that meet the most exacting condition of critical pickle makers, who supply fancy and highest priced goods to the market. The maintenance of fine shape, right size and excellent quality in this splendid pickle are, as always have heen, matters of great pride with us; and so, the fine pickle makers throughout the country willingly pay the higher price it is necessary for us to get for our selected seed. When ripe the fruit is medium size, pointed at hoth ends, has large prominent hlack spines.
Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

Improved Jersey Pickle. This is a famous kind for making vinegar pickles. Owing to its light color it makes what pickle men call "light" pickles, excellent for "Gherkins." Its shape in the fruit is broader at the tip than at the stem end while in the pickle state it is nearly straight. It is very prolific. Our seed is very uniform and finely selected. Plant Vaughan's Seed.
Pkt.. 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

Snow's Fancy Pickling. This is a selection made originally from the "Chicago Pickle" hy a veteran pickle grower in the West. The type is shorter when ripe than the Chicago Pickle and is broad at the stem end, tapering slightly to the tip. The small pickles, although quite similar to the Chicago Pickle, have an additional value where blight prevails. The fruit heing smaller, the hlight does not sap the strength of the vine to the detriment of a crop. We offer a strain of most carefully selected seeds from fields inspected by us and under our own direct supervision.
Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

The Cumberland Pickle. This is a variety of the White Spine type. Very hardy and a strong rapid grower, and gives a very prolific yield. The pickles differ from all other hardy sort, heing thick set with fine spines except on the extreme stem end. The flesh is very firm, crisp and tender at all stages. Excellent for pickles and slicing.
Pkt., 10c; oz., 15c; ¼ lh., 45c; lb., $1.40.

WEST INDIA GHERKIN. A very, small oval prickly sort, distinct from all others. It is grown for pickles only and must he used when young. Pkt., 10c; oz., 20c; ¼ lh., 50c; lh., $1.75.

	Pkt.	Oz.	¼ lb.	Lb.
Extra Early Green Prolific or Boston Pickling	10c	15c	40c	$1.25
Early Cluster	10c	15c	40c	1.25
Early Frame or Short Green	10c	15c	40c	1.25

English Frame Cucumbers

ROLLISON'S TELEGRAPH. English greenhouse grown, Pkt. 25c.

VAUGHAN'S CUCUMBER SPECIALTIES

The Vaughan, Vaughan's Improved Long Green, Westerfield's Chicago Pickle, Snow's Fancy Pickling.

of the Very Finest *Grow* Your Own CUCUMBERS

Vaughan's Improved Arlington White Spine. Is early, and a heavy yielder; it is a beautifully symmetrical, straight type cucumber, 7-10 inches long. Throughout its entire length, the skin is an attractive, glossy dark green; the flesh firm but tender, with delicious flavor; these surpassing qualities have made it a great favorite. In the southern country it is a universally planted sort and Vaughan's strain of Improved Arlington White Spine is the standard for both home and market gardens.
Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.50.

Davis Perfect. Fine length, slimness, beautiful dark green color, transparent-like flesh with deliciously cool, refreshing flavor, and enjoyable crispness, are distinguishing features and qualities of this, the most popular of the extra long white spine cucumbers. For indoor, and outdoor planting it is most popular. Its extremely vigorous growth, makes it the best blight resister of the long sorts.
Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., $2.00.

Improved Long Green. Vaughan's strain of "Long Green." is a strain improved and developed by re-selection. The vines of our strain are very vigorous, and productive; the fruit (12 inches long) is formed almost as early as on the short sorts. As a cucumber of the "black spine" variety, for slicing and for pickles, this is one of the very best. The flesh is very firm and crisp and has a distinctive fine flavor, quite its own; they make excellent pickles, and when yellow and ripe the best sweet pickles. The fine, dark green color, the size, shape, crispness, and flavor, make this the best of the "black spine" varieties.
Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., $2.00.

ROCKY FORD (Klondyke). White Spine. A fine market garden sort—between the New Century and Arlington in size—slightly earlier, however. A wonderful keeper and shipper. Good dark green color. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.50.

EXTRA LONG WHITE SPINE. Like "Davis Perfect," "Extra Long White Spine" is a great blight resister. It is thicker than "Davis Perfect," straight, smooth, dark shiny green, 8-12 inches long; with superbly flavored, tender, crisp flesh. It is very early, vigorous and prolific and far more blight-proof than any of the ordinary sorts. Select Stock. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.60.

EARLY CYCLONE. 3 to 4 inches long, earliest of the white spines; prolific. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.40.

IMPROVED WHITE SPINE. Medium size, straight, always fine yielder; light green. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.40.

NEW CENTURY. A fine strain of long white spine, 8 to 10 inches in length — very thick, uniform, smooth and straight. It holds its dark green color well and is fine for slicing. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.50.

FORDHOOK FAMOUS—White Spine. As long as "Davis," slightly bent, but very handsome, twelve to fifteen inches long. Quality is superb, dark green; vigorous. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., $2.00.

EMERALD. Smooth, almost spineless, dark green, which it retains well, fine for slicing. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.60.

NICHOLS MEDIUM GREEN. Early, medium size, straight, smooth, dark green, good flavor, for pickling and slicing. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

About One-Third Natural Size

EXTRA LONG WHITE SPINE

DAVIS PERFECT CUCUMBER
Less Than Half Natural Size

IMPROVED LONG GREEN

About Two-Thirds Natural Size

VAUGHAN'S ARLINGTON WHITE SPINE

COOL AND CRISP. Fine for slicing. Early, prolific, and covered with knobs, and black spines on dark green skin—makes handsome pickles. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.40.

ODD CUCUMBERS

JAPANESE CLIMBING. Grows quickly on poles or trellis, takes up little room in the garden. Fruit is good size, fine flavor, especially good for slicing and salads; does best in dry warm summers. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., $1.75.

LEMON CUCUMBER. Not the same as the Garden Lemon, though similar in appearance. It is a real luscious flavored cucumber, a worthy addition to the list. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.60.

SERPENT OR SNAKE. A curious, usually much twisted cucumber. Pkt., 10c; oz., 25c; ¼ lb., 75c.

An Everyday Table Need the Home Garden Can Fill

Leaf, Romaine,

LETTUCE has become a year-round necessity on our tables, with the discovery of vitamines and the part they play in maintaining good health. It is a crop with which the home gardener may excel as he supplies the few essentials. Leaf lettuce may be grown satisfactorily in almost any soil, and since it may be eaten with relish long before it has matured, it usually supplies the first salad of the year from the garden. Head lettuce is more difficult, but success is sure if it be started indoors, so that plants may be set out at the time leaf lettuce is sown in the open ground; always provided that the head lettuce have a rich, quick soil; that is, one which is light and warm, and very heavily manured. Water is also essential to the rapid and uninterrupted growth which produces good cabbage heads. The butter head types are best for early, and the crisp heads, such as New York, Iceberg and Mignonette for the warmer weather.

For the Home Garden—All Seasons and Hanson of the butter heads; Iceberg and Mignonette of the crisp heads, and Black Seeded Simpson and Prizehead of the leaf lettuces are recommended, with any of the Cos varieties, which will often succeed where the cabbage heads fail.

Vaughan's All Seasons. In 1879 we introduced this distinctive variety. It immediately leaped into popular favor, in which it has gained through all the years, and is today an unapproachable favorite. Heads are large, solid and handsome, almost as large as Flat Dutch Cabbage; leaves are grayish green, never spotted or brown; they are broad and thick and have decided buttery flavor, embodying all in the term excellent; the inner leaves blanch beautifully. This sort is a sure header and slow to run to seed. VAUGHAN'S SPECIAL
Pkt., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 65c; lb., $2.00

Improved Hanson. The most reliable header for home garden. On all markets—a well known, highly approved lettuce. Globe-shaped, large, well formed, firm head of broad leaves so compact that the inner ones are blanched almost white. The outside leaves are glossy green and handsome, the inside ones are very tender and deliciously sweet, and all are beautifully crinkled and curled. For mid-summer planting outdoors, this sort is exceedingly popular, for it has superior qualities for resisting drought and heat. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $1.75.

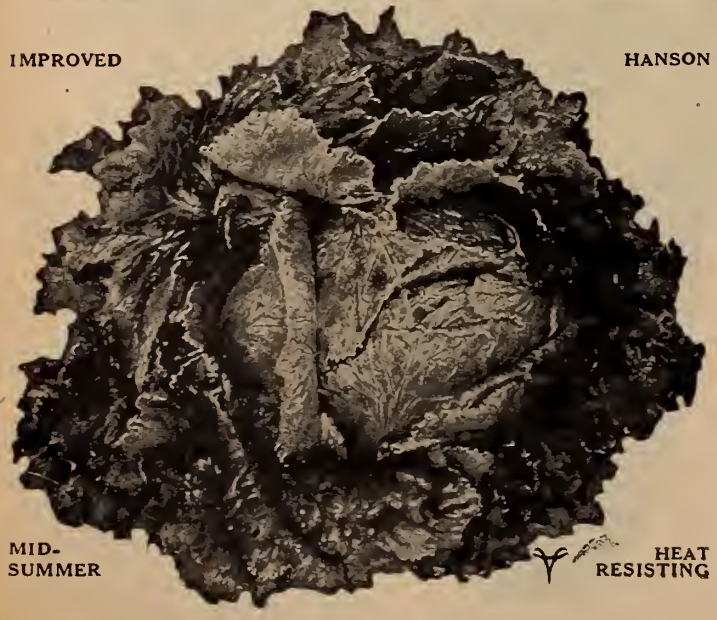
Vaughan's Big Boston (for the South). With Southern gardeners who ship North, many of whom plant Vaughan's seed exclusively, this is considered the best early large heading sort. North, a valuable first early. Large heads of bright green leaves which are very tender. One of the very best for forcing. Seed provided especially for us same as Simpson.
VAUGHAN'S SELECTED STOCK—Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $1.75.

California Cream Butter. One of the best summer varieties. Heads good size and solid. Beautiful appearance, buttery flavor. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.50.

New York or Wonderful. This is the largest of all head lettuce, forming crisp heads often weighing two pounds. It matures slowly, first forming a conical head which becomes globular with maturity. It is of excellent quality, very sweet, and stands the hot weather well. Because of its size plenty of room must be given between plants. This variety is known in some sections as Los Angeles.
Pkt., 10c; oz , 20c; ¼ lb., 75c; lb., $2.75.

Sow two ounces of lettuce seed to 100 yards of row, 4 lbs. to acre. From seed to maturity time is 40 to 50 days.

Always buy **Vaughan's Selected Stock.** Type, quality and germination of the seed make it really cheaper.



MAY KING. A very early heading variety. This is among the finest of heading sorts. The outer leaves are green, just tinged with brown; they fold close, permitting close planting in frames—tender yellow heart. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $1.75.

THE DEACON. Large, solid, late sort, splendid for market or home garden; sure heading, inner leaves blanch to a beautiful golden yellow; rich buttery flavor. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.60.

WAYAHEAD. Very early head lettuce, in season about time of "May King." Is larger than May King. The head is of golden yellow, and the outer leaves light green. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., $2.00.

UNRIVALED. A light green strain of Big Boston. Pkt., 10c; oz., 25c; 2 oz., 40c; ¼ lb., 70c; lb., $2.25.

TENDER HEART. Early, tight heading; green leaves, edges tinged reddish brown. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $1.75.

PERPIGNAN OR SUMMER DEFIANCE. Excels for long standing. Resists heat better than most others. Heads are large, firm and solid. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.60.

MAXIMUM OR IMMENSITY. A wonderful heat resister. It ranks amongst the largest head lettuces; has green outside leaves and solid yellow center; splendid quality. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., $2.00.

BLACK SEEDED BIG BOSTON. An improved shipping strain of the Big Boston. Leaves are slightly smaller; sometimes heads harder, does not rot as quickly in cold, rainy weather. In great demand in large Southern lettuce sections. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., $2.00.

GIANT CRYSTAL HEAD. White solid, extra quality. Grows enormous heads and is extensively used for exhibition purposes. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., $2.25.

ST. LOUIS BUTTER-HEAD. Extensively planted. Has gained great popularity since the St. Louis World's Fair in 1904. Large, solid head, crumpled leaves, yellow center. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.60.

ICEBERG. Extremely hard heading, has finely indented leaves. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., $2.25.

MAMMOTH BLACK SEEDED BUTTER. Large hard heads. A favorite everywhere. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $.175.

MIGNONETTE. A delicious, crisp, solid, small lettuce; very hardy, stands close planting. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.50.

BROWN DUTCH. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.60.

SALAMANDER. Good all seasons. Resists heat. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.60.

TENNIS BALL. Black Seeded. One of best standard sorts. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.60.

TENNIS BALL. White Seeded. (Boston Market.) A good forcer. Pkt., 10c; oz., 20c; ¼ lb. 50c; lb., $1.60.

WHITE SUMMER CABBAGE. Green, very hardy, popular. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.60.

Having wonderful success with seeds received from you in the Spring. Snapdragons are now in bloom, immense sprays, Onion Sets produced very fine Onions.
MRS. E. H. BROWN,
R. R. 2 Palmetto, Penn.

LETTUCE SEED IMPROVEMENT. In recent years great progress has been made in the improvement by the selection and breeding of our strains of lettuce. Practically all of our varieties are now the progeny of one original "perfect" plant of the individual variety. The result is great uniformity and freedom from "rogues" or "off" plants.

Head Lettuce

Select a Type That Fits Your Climate and Season

LEAF LETTUCE

Grand Rapids. Vaughan's selected stock. A home garden favorite, extensively planted for market. Grand Rapids Lettuce for hotbed or greenhouse growing, is a curly leaved lettuce of great popularity because of exceptional merit. The leaves develop very quickly and its upright habit, requiring little room in the bed, permits close planting. Grand Rapids Lettuce has elegant appearance, is an excellent keeper and a splendid shipper. The leaves are a beautiful green, daintily curled, tender and crisp. The flavor is sweet and delicious. This lettuce secures many buyers, and makes profit for the market growers who plant it, and in tbe home garden it produces continuous satisfaction. Through trials and re-selections we secure seed for our customers of the most perfeot type.

VAUGHAN'S EXTRA SELECTED STOCK—Pkt., 15c; oz., 25c; 2 oz., 40c; ¼ lb., 65c; lb., $2.00.

STANDARD STOCK—Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $1.75.

Black Seeded Simpson. Seed of this important sort is grown for us with special care. We supply many gardeners who make their living as lettuce growers.

Black Seeded Simpson Lettuce is always reliable and easily grown. The leaves grow large, the inner ones forming a semi-compact head; they are a handsome green beautifully crumpled, have fine quality, being tender, crisp and sweet flavored. This sort may be grown under glass, in cold-frame or open ground. It is unsurpassed as a heat resister, and is especially adapted to amateur gardeners, who may be unsuccessful in growing head lettuce. Its fine appearance makes it a success on the market, and in tbe bome garden.

VAUGHAN'S SELECTED STOCK—Saved from extra selected plants. Pkt., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 65c; lb., $1.75.

STANDARD STOCK—Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.50.

COS LETTUCE

ROMAINE OR COS LETTUCE

THIS type of lettuce forms upright loose folding heads, and the inner leaves bleach white. It is usually preferable to tie up the heads to assist bleaching. Many esteem this the finest of lettuces in flavor, and it is a salad of the highest quality. Home gardeners who have difficulty growing the cabbage heads will be well advised to turn to Romaine.

Express Cos. A Vaughan introduction. The most dwarf and earliest of all. Delicious flavor. Self-closing.
Pkt., 10c; oz., 30c; ¼ lb., 65c; lb., $2.00.

Paris White Cos. Grows to large size. Self-closing.
Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.60.

Trianon Cos. Similar to above, but grows whiter and matures earlier.
Pkt., 10c; oz., 20c; ¼ lb., 50c; lb. $1.60.

A PRIZE FOR POULTRY-KEEPERS

New Chicken Lettuce. Here is a genuine Lettuce which will yield as much or more chicken or rabbit feed as any "greens" plant. When once cut it starts to grow again. The leaves can be pulled off each stem like a kale. Chicken Lettuce does not make a head, but sends up a stout stalk three or four feet high, just loaded with leaves.

Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.50.

GRAND RAPIDS

PRIZEHEAD. Very popular, large, loose heading sort. Leaves finely crumpled and fringed, outer ones shaded brown; very crisp, sweet and tender, splendid for home garden. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $1.75.

EARLY CURLED SILESIA. A dwarf of compact habit and thick growth. Crisp, golden leaves, finely curled edges; an old favorite. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.60.

EARLY CURLED SIMPSON. White seeded, similar to Early Curled Silesia—one of the best leaf lettuces. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.50.

THE MORSE. Desirable strain of Black Seeded Simpson, for growing under glass—a careful selection by a seed grower of wide experience—leaves bright green, beautifully crinkled. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.60.

DENVER MARKET FORCING. Early; forms loose head of good size; leaves light green, handsomely marked, and blistered like Savoy Cabbage; very crisp and tender, a forcing or open ground sort. Pkt. 10c; oz., 20c; ¼ lb., 60c; lb., $1.75.

Vaughan's Seed Store: So. Holland, Ill.

We purchased Vaughan's Seeds for our field corn and onion plantings. The seed corn germinated almost perfectly and produced such fine-shaped and bright looking ears. It was Madison Yellow Dent. We are very much pleased with the onions, also; they are Fancy Yellow Globe Danvers. We have a crate of them in the barn yet—large, well-ripened, brownish yellow specimens, which some people have said are the best onions they've ever bought. They keep splendidly.

Yours truly,
L. THOMASSEN.

BLACK SEEDED SIMPSON

Muskmelons Can be Grown from *Rio Grande*; and

MILWAUKEE MARKET

MELONS are a long season crop requiring for their best development a sandy soil which quickly warms up, a season of 90 to 100 days growing weather, hot sun and ample irrigation. Though these conditions are best found in irrigated sections of the West, there is practically no region in the United States in which some variety cannot be successfnlly grown. The list offered on these pages includes all varieties of merit and is so complete that gardeners living in every section of the country may find here a variety with which they can succeed. Seed must not be sown until the ground is warm, and in the North it will pay to start the seed in a hotbed or indoors in paper pots or in a piece of thick turf. Plant in hills, allowing ample room, and thin out the plants to four in a hill when they begin to vine. The cucumber beetle may be kept off with Slug Shot or Pyrox and aphis must be killed with a nicotine spray

For the Home Garden—The varieties which are known to succeed in your locality are recommended, as many conditions enter into success with melons. Milwaukee Market is especially valuable for the home garden, growing to a large size and possessing table quality which few melons equal. The Osage type is usually easier to grow than the Gem type for an amateur.

Vaughan's Milwaukee Market. This seed grown by ourselves in Michigan. (See illustration.) This is a fine new melon that made its appearance in Milwaukee a few years ago. It originated as a cross between the old Surprise and a Gem melon. Our strain has been improved by careful selection and for a fine home melon and a market-wagon variety it has no superior. The skin is light green, fruits nearly round with slight sutures, flesh salmon, wonderfully sweet, with almost no stringiness. Every home gardener who can grow muskmelons should plant this. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.50.

Vaughan's Original Osage. In heavy soils, where other sorts like Rocky Ford produce inferior fruits, Osage does well; in sandy soil it is at home and a money-maker for growers. Seldom, indeed, is there a poor quality Osage; it holds its own rich flavor much longer than other sorts, and best of all the red-fleshed. As the introducers we pride ourselves in maintaining its uniform quality for our old-time customers. We carefully re-select our seed melons each season to insure this.

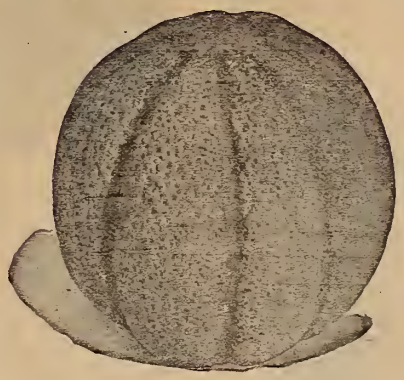
SELECTED STOCK—Pkt., 10c; oz., 25c; 2 oz., 40c; ¼ lb., 75c; lb., $2.50
STANDARD STOCK—Pkt., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 45c; lb., $1.50.

Vaughan's Hoodoo or Hearts of Gold

Introducer's Strain. The best salmon-fleshed Gem Melon. Introduced by Vaughan's Seed Store. Quality—fine grained, not stringy and of the sweetest flavor. Size and shape—just right, so it may be served cut in halves. Flesh and Color—deep orange, extremely thick. As a Shipper—uniform, like "peas in a pod." Netting is ideal, heavy and close. Prolific and uniform, produces well under favorable conditions and withstands blight better than most varieties.

HOODOO melons from Michigan points bring highest market prices in competition with the whole United States.

SELECT STOCK—Pkt., 10c; oz., 25c; 2 oz., 45c; ¼ lb., 75c; lb., $2.50.
STANDARD STOCK—Pkt., 10c; oz., 20c; 2 oz., 30c; ¼ lb., 50c; lb., $1.60.



HOODOO OR HEARTS OF GOLD

Special Shipping Osage. Melon will stand a shipment of several hundred miles without breaking down. The quality is almost identical with Osage, although it runs a trifle smaller in size.
Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., $2.25.

Vaughan's Extra Early Osage. Not as large as Vaughan's Original Osage, but at least ten days earlier and of equal quality.
Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., $2.00.

Vaughan's Paul Rose. This is another melon introduction of Vaughan's Seed Store, and as such we offer it to professional melon growers as a variety of basket-packing size that fills every requirement a first-class melon should have. Paul Rose is the result of crossing Osage and Rocky Ford, an exceptional combination of melon qualities. This grand melon combination produces the largest percentage of high-class table melons. It is an ideal marketing melon, and does not break down in shipping. In season it is 10 days earlier than Osage.

SELECTED STOCK—Pkt., 10c; oz., 25c; 2 oz., 40c; ¼ lb., 75c; lb., $2.50.
STANDARD STOCK—Pkt., 10c; oz., 20c; 2 oz., 30c; ¼ lb., 45c; lb., $1.50.

Melon, Honey Dew. An old-time French melon imported by Vaughan's Seed Store for a melon specialist in Michigan; later found of good commercial value. The skin is perfectly smooth, of a delicate yellow color with incidental warts in scattered fashion. The rind is thin but very firm, the flesh is very thick and the color blends from a near white at the rind to emerald green at the seed cavity which is of medium capacity. The flesh is very sweet and juicy and possesses a peculiar honey flavor. In short season localities it should be started on sods in the hotbed, as it is several weeks later than the Rocky Ford. Honey Dew is best when quite ripe. Store a few days after picking. Pkt., 10c; oz., 20c; 2 oz., 30c; ¼ lb., 50c; lb., $1.75.

EARLY KNIGHT or Sweet Air. Very popular around Washington, Baltimore and Philadelphia. Being a green-fleshed melon of superior flavor and correct size, is well suited to that region, and commands the highest market price. It is 5 to 6 inches across and 7 to 8 inches long. The netting is good, and crated, stand long-distance shipping. The flesh is thick, color dark green blending to light pink near the center. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.50.

MONTREAL MARKET NUTMEG. The largest of the nutmeg varieties. This melon is extensively raised near Montreal, being sown and grown in cold frames until ready to set out. Skin is dark green, flesh green. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

GARDEN LEMON. Fruit nearly round, with yellow and green markings, skin smooth, flesh tender, sweet melon flavor. Price, pkt., 10c; oz. 20c; ¼ lb., 50c.

IMPROVED JENNY LIND. Vaughan's Selected Stock. Rind thick at ends, which are flattened and are not easily broken when crated, or basket-packed for shipment. The quality of its yellowish green flesh is unsurpassed. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.25.

MANGO MELON OR VEGETABLE PEACH. Orange shaped, golden yellow flesh. Makes splendid mangoes, stuffed like Peppers. For sweet pickles, pies and preserving. Cooking directions on packets. Pkt., 10c; oz., 20c; 2 oz., 30c; ¼ lb., 50c; lb., $1.75.

TIP TOP. A melon we recommend to every lover of this luscious fruit and to every gardener who grows for the market. It is a yellow-fleshed melon of the very best quality. It is sweet, juicy, of finest flavor, edible to the very rind. A strong grower, and heavy yielder. Selected Stock: Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., $2.00.

BANANA. Cucumber shape. Delicious odor. Pkt. 10c; oz., 20c; ¼ lb., 45c; lb., $1.50.

FORCING MELONS

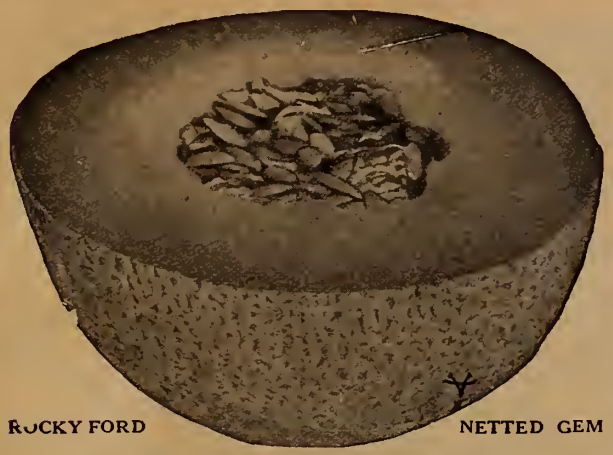
Highest Table Quality. Suitable for Greenhouse Growing:

BLENHEIM ORANGE. Scarlet flesh.
DIAMOND JUBILEE. Green flesh.
RINGLEADER. Green flesh.
ROYAL SOVEREIGN. White flesh
SMITH'S IMPROVED EMERALD GEM FORCING. Salmon flesh.
SUTTON'S SUPERLATIVE. Scarlet flesh.
TURNER'S SEEDLING. Scarlet flesh.
HERO OF LOCKINGE. White flesh.
KING GEORGE. Scarlet flesh.

Price of each pkt., 25c.

OSAGE (Introduced by J. C. Vaughan)

Canada to the We Also Have Watermelons



ROCKY FORD NETTED GEM

THE ROCKY FORD TYPE

Rocky Ford Netted Gem. Of the green muskmelons Rocky Ford is the recognized standard of excellence. To secure the real high-class quality possible to produce in this melon, it is necessary to have seed saved from choicest specimen melons only. We offer two grades of seed: Vaughan's Selected Stock which is saved from specimens of the highest class market melons—since "like produces like"—and Standard Stock saved from field-run melons from a crop in which all rogues, or untrue vines, have been discarded.

Picture at top shows specimen grown from Vaughan's Selected Stock. Note the small seed cavity and thickness of flesh. Our strain is the popular gold-lined tint.

VAUGHAN'S SELECTED STOCK—Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.75.
STANDARD STOCK—Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.25.

New Cantaloupe. "Edwards Perfecto." "Salmon Fleshed Rocky Ford." The Perfecto has the deepest flesh, smallest seed cavity and more salmon color than any type of Rocky Ford shipping melon.
Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.50. (Large growers write for quantity prices.)

New Muskmelon Pollock, 10-25. Salmon tint. Very uniform in highest quality; vigorous and early. Cuts with a golden center shading to a green at the rind.
Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.50.

EXTRA EARLY VARIETIES

New Cantaloupe, Oka. This is a variety from Canada, of Hackensack shape—a cross between Montreal Market and Banana—pink flesh and small seed cavity. It was originated by Rev. Father Athanase, of the Trappist Monastery at LaTrappe, Quebec. It is recommended to home gardeners as a short season melon of excellent quality. Pkt., 20c; ½ oz., 35c; oz., 60c.

New Melon, Golden Champlain. It is well netted, grows to a good size, is thick fleshed and very sweet. It is recommended for latitudes where seed must be sown after May 15, and a harvest is desired in August.
Pkt., 15c; oz., 30c; 2 oz., 50c; ¼ lb., 90c; lb., $3.00.

Bender's Surprise. This new melon is a large thick-fleshed, heavily netted fruit somewhat resembling our Milwaukee Market. Its flavor is wonderfully sweet with almost no stringiness. It matures early and is an excellent home garden variety.
Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.50.

EXTRA EARLY HACKENSACK. Ten days earlier than old "Hackensack," of which this is a selection. The melons weigh 4 to 10 lbs. each; Pkt. 10c; oz., 15c; ¼ lb., 35c; lb., $1.25. Hackensack—late strain: Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.25.

VAUGHAN'S OSAGE GEM. A real gem with salmon-colored delicious flesh. The skin is heavily netted like the Rocky Ford and the luscious salmon-colored flesh is of the highest quality. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

EMERALD GEM. The skin is smooth and deep emerald color, the flesh is thick and of delicate salmon tint. The vines bear early and are very prolific. A splendid home garden melon. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., $1.50.

VAUGHAN'S SPECIAL

CHAMPION MARKET. The flesh is light green and of very rich sweet flavor. Early as Netted Gem, which it resembles in shape, but is fully three times its size. Very prolific, a good shipper. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.40.

Lombard, Ill., May 13, 1926.

Vaughan's Seed Store

Gentlemen:—We planted the package of Osage Muskmelons that you sent us extra with our order of seeds last year, and they were very good. We had so many that we gave some to our friends and neighbors, and they all said they never tasted such delicious muskmelons before. We saved some of the seed and this year we will plant some of them again, and we also want to try a package of the Honey Dew Muskmelons and see if we have as good luck with them. Thank you for the package of seeds.

Yours truly, MRS. HERMAN KOESTER,
22 W. Willow St., near Main.

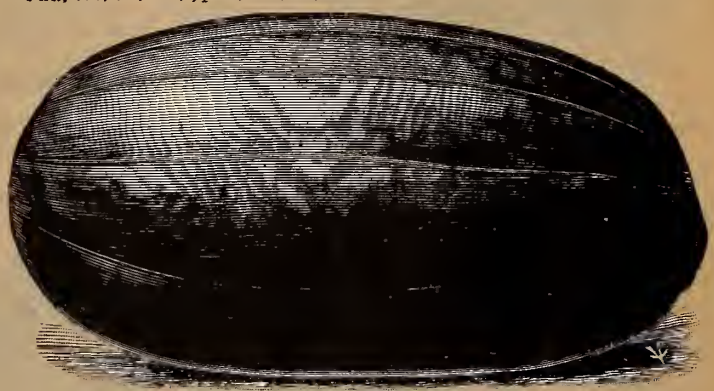
WATERMELONS may be grown under favorable conditions in the North though it requires 100 to 120 days to mature. Soil such as will mature good muskmelons is needed, with plenty of hot weather and no lack of water. Room for the vines to wander is required, preferably 8 to 10 feet between hills both ways. Avoid lifting the vines, and use only hand tools in cultivation.

Cole's Early. The Northern States' favorite. As an early melon it is the standard of high quality; in sugary delicious crispness, flavor and melting tenderness, it is the top-notcher. It is oblong-shaped, about 20 inches long, 12 inches through; skin mottled green, thin brittle rind, therefore not a good shipper. The flesh is rich and deliciously sweet.
Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.10; 5 lbs., $4.50.

Kleckley Sweets. This is a grand, old established variety of Vaughan's Special Watermelons. In its culture the greatest care is always taken by us to retain the excellent qualities for which it has become famous, and properly stands as the type of excellence for eating.
Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., $1.25; 5 lbs., $5.00.

New Chilian. Attractive, of medium size, nearly round, skin deep green, faintly mottled and striped, stripe of brighter shade. The flesh is bright vermilion, fine grained, very sweet and a good keeper.
Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., $1.25.

Irish Grey. A mottled greenish grey, every melon very distinct. A fine shipper and the equal of any in sweetness and quality.
Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., $1.25; 5 lbs., $5.00.



KLECKLEY SWEETS

Tom Watson. There's delicious sweetness in every bite. The flesh is rich red, crisp and tenderly melting. The quality of this melon changed the market demand from the round to the long melons.
Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.10; 5 lbs., $4.50.

SWEETHEART. Oval, light green mottled. Flesh bright red, very firm, yet tender. A fine shipper. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.10.

VAUGHAN'S BLACK DIAMOND. Very large, prolific, medium early, dark green skin, red flesh, blunt oval shape, fine shipper. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.10.

COLORADO CITRON. For preserves. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.10.

RED SEEDED CITRON. For preserves. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.10.

Any of the following: Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.10.

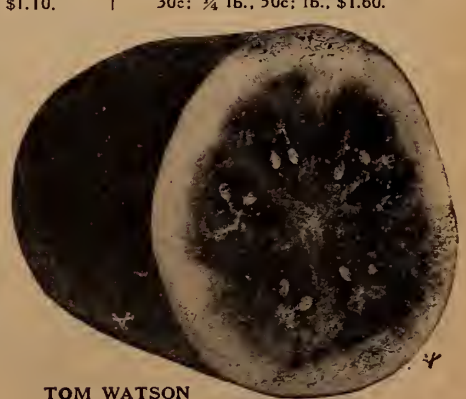
HALBERT HONEY. A variety somewhat similar to Kleckley Sweets—of much darker color. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., $1.25.

ALABAMA SWEETS. A Southern favorite. Oblong in shape, dark green skin, the seed is white. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.10., 5 lbs., $4.50.

Winter Watermelon

Also called "Honey Dew." This is an exceptional melon for fine keeping quality; put in a cool place it keeps long into the winter and retains its delicious sweetness and flavor. Pkt., 10c; oz., 20c; 2 oz., 30c; ¼ lb., 50c; lb., $1.60.

EARLY FORDHOOK.
CUBAN QUEEN.
ICE CREAM OR PEERLESS.
McIVER'S WONDERFUL SUGAR.
RATTLESNAKE OR GYPSY STRIPED.
TRIUMPH.
FLORIDA FAVORITE.
ICEBERG.
MOUNTAIN SWEET.
PHINNEY'S IMPROVED.



TOM WATSON

Onion *Plants*, Sets and *Seeds*

ONION SEED may be sown as soon as the ground can be prepared. If extra large onions are desired in northern latitudes, seed may be sown in hotbeds or indoor boxes. It is best to transplant them into paper pots and allow their roots to become well established before setting them in the garden. By this method such varieties as Prizetaker and Ailsa Craig can be grown to extraordinary size. Amateurs can thus produce in their own gardens in the short Northern season, bulbs much larger than the so-called Spanish onions grown in the South and of the same mild flavor. It should be attempted only where the soil is favorable and irrigation possible. If onion seeds are sown in the open at the same time onion sets are put in the ground, the home garden may enjoy young onions from seed in midsummer, thinning out the rows for this purpose. If it is desired to mature onions for winter use and storage, one of the standard globe varieties should be chosen as they are the best keepers. The Southports, Danvers, Obio Globe and Ideal Globe are good sorts.

Southport Yellow Globe. The Vaugban strain of tbis onion is the most uniform on the market today. It is ball-shaped and not so elongated as to make any undersized specimens seem like picklers. Our Eastern seed bulbs are band sorted by our selves and the seed grown under our direct supervision. The ideal heavy yielding, long keeping Golden Yellow market onion.

EASTERN GROWN SEED—Finest type; sold by us for many years. Pkt., 15c; oz., 40c; ¼ lb., $1.00; lb., $3.50; by express over 5 lbs., per lb., $3.25.

CALIFORNIA GROWN SEED—Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., $2.75; by express over 5 lbs., per lb., $2.50.

Southport Red Globe. In shape this onion is similar to our Southport Yellow Globe but a little deeper. The color is a rich dark red sbowing its years of Eastern breeding. California grown seed produces a ligbter colored onion. A wonderful keeper witb finely bred neck and a heavy yielder.

EASTERN GROWN SEED—Pkt., 15c; oz., 40c; ¼ lb., $1.00; lb., $3.50; by express over 5 lbs., per lb., $3.25.

CALIFORNIA GROWN SEED—Pkt., 10c; oz., 35c; ¼ lb. 85c; lb., $3.00; by express over 5 lbs., per lb., $2.65.

Vaughan's Ideal White Globe. A strikingly handsome onion; expert market growers recommend it in tbe bighest terms. This is a very early type, it ripens evenly and is a fine keeper; the small, bigb-bred neck tells tbe story of quality; it is a true globe, pure wbite Vaugban bigb merit onion. Market growers bave been our constant, satisfied customers, for tbis onion for many years.

EASTERN GROWN SEED—Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., $1.25; lb., $4.50.

CALIFORNIA GROWN SEED—Pkt., 10c; oz , 40c; ¼ lb., $1.25; lb., $4.00; by express over 5 lbs., per lb., $3.75.

Ohio Yellow Globe.

Anotber of Vaugban's success-winning, globe-shaped onions. It attracts attention by its uniform sbape, beautiful color and fine size, in all of whicb it outclasses the old type Yellow Globe Danvers. Its finely bred neck, large size, solid flesb of mild sweet quality, uniform growth, beavy yielding and superb keeping quality bave made it a favorite witb all growers.

CALIFORNIA GROWN SEED—Higb vitality. Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., $2.65, by express over 5 lbs., per lb. $2.40.

EBENEZER

Japanese or Ebenezer. Tbere has been a tremendous demand for tbis yellow skinned Onion tbe past few years, especially for the growing of Onion Sets. Japanese Onion Sets produce a mucb larger tonnage of marketable Onions than does tbe old Strassburg or Danvers. Moreover, a smaller per cent of the sets run to seed witb consequent damage to the large Onions produced. As a large Onion Ebenezer is a fine keeper, mild and well flavored.

Pkt., 10c; oz., 40c; ¼ lb., $1.00; 1 lb., $3.50; by express over 5 lbs., per lb., $3.25.

Vaughan's Special Yellow Globe. ("MOUNTAIN" DANVERS). We stake our reputation on this one. An early Yellow Globe introduced by us into the Chicago section recently. Slightly smaller than Southport. It produces a fine market onion. In some places early apbis did no damage to this onion last year, but ruined the later crop. Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., $2.75; by express over 5 lbs., per lb., $2.50.

Bermuda Onion Plants started in Texas and sent North to grow on in your garden will give you back yard Bermudas with little trouble.

Onion Sets and Plants

THE first home garden harvest in the spring is young onions from sets. If perennial sets were planted in the fall, a crop is reaped long before the first outdoor seeds have sprouted. Spring sets can be put into the ground as soon as it is able to be worked and in a few weeks the delicious young onions are ready to serve on the table. Plantings may be successively late into the summer, as long as the sets remain in good condition.

WHITE BOTTOMS. Pt., 25c; qt., 40c; ½ pk., $1.20; pk., $2.00.

YELLOW BOTTOMS. Pt., 15c; qt., 25c; ½ pk., 90c; pk., $1.50.

RED BOTTOMS. Pt., 15c; qt., 25c; ½ pk., 90c; pk., $1.50.

VAUGHAN'S HAZEL SIZE ONION SETS. These are especially screened and carefully selected and run about ⅝ incb in diameter. Price, Hazel Size, White, Red or Yellow: Pint, 30c; qt., 50c; larger quantities at quart prices.

Pint and quart prices for Onion Sets shown on this page include Parcel Post prepayment through first three zones. For farther zones add 5c per pound. In figuring cost remember each quart weighs 1½ pounds.

EGYPTIAN OR RED PERENNIALS. These we sell largely in the Fall. Planted then, they produce very early green onions. Pt., 20c; qt., 35c; ½ pk., 65c; pk., $1.00.

WHITE MULTIPLIERS. For First Early Spring Bunching Onions. Tbey are pure silvery-white, which runs well up the stem, very sweet and mild flavor, superior to green onions from other sets. There are usually several stalks from a single bulb, wbich makes tbem very productive. They are ready for table earlier tban any otber. Pkt., 25c; qt., 40c; ½ pk., $1.25; pk., $2.00.

SHALLOT'S OR YELLOW MULTIPLIERS. Flavor mucb superior to ordinary onions. Pt., 20c; qt., 30c; ½ pk., 80c; pk., $1.25.

Bermuda Onion Plants

These are new, and especially suitable for home gardens. Seed is sown early in Texas, and tbe plants are lifted, to be replanted in Northern garden, to produce sweet, mature onions of Bermuda quality. Ready May 1st. Per 100, 25c; per 1000, $2.00.

EARLY WHITE WELSH ONION. The best kind for green onions, forms no bulb. Plants can be propagated from seeds or divisions. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c; lb., $2.50.

New Hampton, Iowa

The bulbs I received from you were perfect. Everyone blossomed and tbey were just beautiful and everyone who saw tbem admired them.

MRS A. L. WACKHOLZ.

Put *Kick* in the *Menu* All Year

Prizetaker—American Grown. Among large onions this one is exceptional for size and beauty; it is of the same type as the large Spanish onions, imported and sold for high prices. Vaughan's American-grown seed has become finely acclimated through many years of very careful, painstaking culture. Prizetaker is a yellow globe that matures to great size under right conditions; it requires a long season and should be started early in hotbed. When properly ripened it is a good keeper. Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., $2.75; by express over 5 lbs., per lb., $2.50.

Large Red Wethersfield. An onion of very productive habit and a fine keeper. The skin is deep purplish red, which covers a round, somewhat flattened bulb of purplish white flesh. Moderately fine grain and mild flavor. In poor soil it does best, growing a thinner neck than in strong soil. It is standard in its class, in the South and Southwest where immense quantities are grown for market. Our seed is carefully selected California grown—none better.
Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., $2.00; by express over 5 lbs., per lb., $1.75.

Fancy Yellow Globe Danvers. This onion is a standard among the large types; it is early, almost true globe-shaped, beautiful yellow skin, pure white flesh, of very fine quality. It has a good size, and a fine thin neck. Vaughan's strain is so near to globe-shape that it passes for globe on the market, and being several weeks earlier than Southport Globe, it sells for the higher early market prices. The crop ripens uniformly at one time, and its keeping quality is excellent. Pkt., 10c; oz., 30c; ¼ lb., 70c; lb., $2.65; by express over 5 lbs., per lb.,$2.40.

Ailsa Craig—Vaughan's Selected Stock. A winning sort, gaining in popularity every season, because it makes money for the growers. This onion has individual merit by which it has secured, and retains, recognition. It has a handsome appearance, being large—12 have been known to weigh 30 pounds—it has fine straw-colored skin; these qualities make it excellent for exhibition purposes, in which it is a successul competitor of large, imported Spanish onions. The shape is globular and it forms a fine thick neck which tells of its bred-in fine quality: it is, for a large onion, a splendid keeper; for eating raw it has no superior, it is mildly pungent in flavor, sweet and desirable.
Pkt., 15c; oz., 40c; ¼ lb., $1.00; lb., $3.50.

Giant Gibraltar. A variety similar to Prizetaker. We offer American-grown seed raised from bulbs produced from European seed. The strain runs slightly larger in size than the usual run of Prizetaker.
Pkt., 10c; oz., 35c; ¼ lb., 85c; lb., $3.00.

Yellow Globe Danvers. Same as Fancy Y. G. Danvers, except that it does not run as globe-shaped, but color, ripening and keeping are identical.
Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., $2.50; by express over 5 lbs., per lb., $2.25.

Yellow Flat Danvers. A standard onion with many splendid qualities; a valuable general crop sort. It is of a medium size, quite thick through, but flattened, has coppery yellow skin, and creamy white flesh which is mild and of pleasant flavor. It combines large yield with very even ripening quality.
Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., $2.00; by express over 5 lbs., per lb., $1.75.

Mammoth Silver King. Averages 15 to 22 inches in circumference and weighs 2½ to 4 lbs. It matures early and is uniformly large and of good shape; flat, but thick.
Pkt., 10c; oz., 35c; ¼ lb., $1.00; lb., $3.25.

Crystal White Wax. This is a pure white flat onion, very popular in the South, especially in Texas. Also does well in the North. Very sweet. Teneriffe seed. Pkt., 15c; oz., 75c; ¼ lb., $2.00; lb., $7.00.

White Bermuda. In Bermuda and Texas a great many carloads of these very large onions are produced annually; they are shipped North for early spring use. Pkt., 10c; oz., 45; ¼ lb., $1.25; lb., $4.00.

AILSA CRAIG
A SURE PRIZE WINNER

LARGE RED **WETHERSFIELD**

Flat and Miscellaneous Types

EXTRA EARLY FLAT RED. One of the handsomest red onions, and will ripen two weeks earlier than other strains.
Pkt., 10c; oz. 30c; ¼ lb., 75c; lb., $2.50.

BROWN AUSTRALIAN (Flat). A very desirable onion of medium size, with amber brown skin and solid white flesh. It is early, a heavy yielder, and a long keeper; keeps well in warm climates. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., $2.00; by express, over 5 lbs., per lb., $1.75.

WHITE PORTUGAL OR SILVERSKIN. This beautiful white onion is a splendid sort for growing white onion sets, pickles and for early bunching green onions; for any one or all of these purposes it is extensively planted by growers who produce the varieties named as large white onions for fall and early winter use. Vaughan's White Portugal or Silverskin is a medium size bulb, flat shape, as shown in the illustration. It has fine mild flavor, and is best of the white onions for keeping. Pkt., 10c; oz., 35c; ¼ lb., $1.00; lb., $3.50; by express, over 5 lbs., per lb., $3.00.

GOOD PICKLER **FINE KEEPER**

WHITE PORTUGAL

ITALIAN ONION SEED

VAUGHAN'S PICKLING. One of the best white onions for pickling; it is small, round, hard, crisp and tender, early and ripens uniformly. A very handsome sort with opaque white skin. Excellent for green onions. Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., $2.75.

WHITE QUEEN. Remarkable for earliness and very mild flavor, it is small and white-skinned. Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., $2.75.

WHITE BARLETTA. Beautiful waxy white. Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., $2.75.

STRASBURG OR YELLOW DUTCH. Large and more flat than Yellow Danvers, has white flesh of fine grain, mild, well flavored—a splendid yellow onion for sets. Our seed is very carefully grown, and has no superior. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., $2.00; by express, over 5 lbs., per lb., $1.75.

CHIVES. See Herb list, page 44.

Northern Grown Seed Potatoes

VAUGHAN'S IMPROVED EARLY OHIO

FOR more than twenty years we have had our Early Seed Potatoes produced in the Red River Valley of the North in Minnesota and Dakota. To-day Vaughan's Red River Valley grown true to type Early Seed Potatoes are the standard of quality throughout the country. We have found these are earlier, more vigorous and better yielders than any grown elsewhere.

Certified Stock. We offer Michigan and Minnesota certified potatoes in several instances. Such stock has been inspected while growing by authorized state agents and found free from serious diseases and varietal mixture and is from vigorous fields. Sorting and grading to No. 1 grade is also required.

The prices in this catalogue represent values at the time this book went to press and are subject to market changes. Write for latest market quotations. We are large carload handlers of potatoes and are always in line with the prevailing market. On a quality basis we can always meet competition. Get our figures on large lots before ordering elsewhere.

For the Home Garden—Early Ohio and Irish Cobbler are the best early varieties, the former in the East and the latter in the West. One of the rural type is recommended for the late crop.

Early Bovee A pink-skinned white-fleshed early of the very best quality and an excellent producer. Thrives in rich soil. ½ pk., 75c; pk., $1.35; ½ bu., $2.50; bu., $4.50. sack (165 lbs.), $9.00.

Early Rose An old standard, rather long pink-skinned early potato. Northern grown, prolific and hardy seed. ½ pk., 75c; pk., $1.35; ½ bu., $2.50; bu., $4.50; sack (165 lbs.), $9.00.

Vaughan's Improved Early Ohio (Red). A week to 10 days earlier than other strains of the same variety. The reason for this is not only in the great care with which our seed is selected, grown and housed, but it is produced under conditions which are the most favorable in the Red River Valley of Minnesota, the natural home of high-class potato seed. In the Middle West Vaughan's seed produces earlier and better yields than native seed, no matter how carefully selected. Vaughan's Red River Valley Grown Stock, standard for twenty-five years.

½ pk., $1.00; pk., $1.75; ½ bu., $3.25; bu., $6.00; sack (165 lbs.), $12.00. For CERTIFIED stock add 15c per peck, 25c per bushel, 40c per 100 lbs., to the above prices.

Irish Cobbler—Early Heavy Cropper. An early of medium size, and in light soil maturing almost as soon as the smaller cropping Earlies. Its size, shape, good quality and appearance commend it. Our seed is grown in Red River Valley, Minnesota, and is superior to strains grown elsewhere.

½ pk., 75c; pk., $1.35; ½ bu., $2.50; bu., $4.50; sack (165 lbs.), $9.00. For CERTIFIED stock add 15c per peck; 25c per bushel; 40c per 100 lbs., to the above prices.

Bliss or Red Triumph. For more than a decade this has been the standard early potato in the South. It is a round, reddish skinned potato, rather deep eyes and of medium size. As they appear early in the spring on the Northern market they are very attractive and, of course, command a large premium over old stock.

½ pk., 85c; pk., $1.45; ½ bu., $2.65; bu., $4.75; sack (165 lbs.), $9.50.

Acme. A potato of the Ohio type, in fact, similar to that variety as it is now grown in the Northwest. Usually runs earlier than the old type of Early Ohio and is more prolific. Splendid for both market and amateur gardens

½ pk., $1.00; pk., $1.75; ½ bu., $3.25; bu., $6.00; sack (165 lbs.), $12.00.

Nebraska—The Best Rural Type. This is the heaviest cropping main crop flat white potato. Particularly adapted to the prairie soils of the Middle West. Three hundred bushels per acre yields are not uncommon under favorable conditions. In Michigan, Northern and Central Colorado, Illinois, Nebraska, for a series of years, the Nebraska has out-yielded all standard kinds. The vines are very broad and produce an immense growth of luxuriant foliage. The tubers are flat, somewhat flatter than Carmen or Rural type; size larger and quality superb.

½ pk., 80c; pk., $1.35; ½ bu., $2.45; bu., $4.40; sack (165 lbs.), $8.50.

WOODBURY'S WHITE ROSE

Woodbury's White Rose (Early). A splendid early potato. A seedling from "Early Rose." It is right in size, beautiful kidney-shape with pure white skin and flesh. The vines are vigorous and resist early blight, and the yield is double that of some other extra early sorts.

½ pk., 75c; pk., $1.35; ½ bu., $2.50; bu., $4.50; sack (165 lbs.), $9.00.

Rural New Yorker, No. 2. Very large, usually smooth, oblong inclining to round, and rather flattened. Skin and flesh white; quality excellent, season intermediate. Tubers of great uniformity in size, almost every one marketable. Known everywhere as "Dusty" Rural.

½ pk., 75c; pk., $1.35; ½ bu., $2.40; bu., $4.25; sack (165 lbs.), $8.50. For CERTIFIED stock add 15c per peck, 25c per bushel, 40c per 100 lbs., to the above prices.

Russet Rural or Petoskey. A superb late variety of recent introduction. Remarkable on account of its freedom from disease. This variety is an excellent yielder and very free from rust. It possesses an attractive russet skin and the tubers, which are white, are very regular in size and unsurpassed for cooking qualities. There is practically no waste in peeling as the eyes are almost on the surface.

½ pk., 80c; pk., $1.35; ½ bu., $2.45; bu., $4.40; sack (165 lbs.), $9.00. For CERTIFIED stock add 15c per peck, 25c per bushel, 40c per 100 lbs., to the above prices.

Sir Walter Raleigh. This is an improved Rural New Yorker No. 2. Yields almost all marketable sized potatoes, which are a little earlier and of better quality than Rural. Exceedingly fine-grained and white-fleshed.

½ pk., 75c; pk., $1.35; ½ bu., $2.40; bu., $4.25; sack (165 lbs.), $8.50.

Carman No. 3. One of the most popular of the Carman group of potatoes. A white, flat variety, which sets its tubers very close to the top of the soil, thus giving good yields in clay soil where other varieties fail. Carman No. 3 grows to the largest size of these sorts.

½ pk., 90c; pk., $1.65; ½ bu., $3.00; bu., $5.50; sack (165 lbs.), $11.50.

Green Mountain. This is an excellent late potato, maturing in 140 days. It is a drouth resister and makes remarkable crops on poor soils. A loose soil is recommended, as on heavy soils the tubers are apt to be undersized. In loam it produces tubers of large size and attractive appearance; white fleshed. It is very free from disease.

½ pk., 70c; pk., $1.35; ½ bu., $2.40; bu., $4.25; sack (165 lbs.), $9.00. For CERTIFIED stock add 15c per peck, 25c per bushel, 40c per 100 lbs., to the above prices.

SWEET POTATOES

Grown Especially for Seed

We can offer Yellow Jersey (the most popular Northern sort), Red Jersey, Red Bermuda, Early Carolina and Nansemond.

Yellows. 10 lbs., $1.25; 50 lbs., $4.25; 100 lbs., $8.00.

Reds. 10 lbs., $1.35; 50 lbs., $4.50; 100 lbs., $8.50.

N. B.—Owing to perishable nature of these tubers we ship by express only.

For Salads and Seasoning

Peppers Sweet or Pungent

LIKE egg plants and tomatoes, peppers should be started indoors, as they take four to five months to mature. They are easy to grow, thrive in cool weather and will endure some frost. The plants should stand eight to eighteen inches apart in rows. They are constantly becoming more popular, both in salads and for use in cooking. A dozen plants will supply an average family.

Vaughan's Giant Magnum Dulce. This fine pepper has appropriately been styled the "Salad King." But it is not in salad form alone that it excels, for there are other forms in which to prepare it. The seeds having been removed it may be stuffed, either with dressing as used in fowl or with meat, such as ground steak with onions or other seasoning. Sliced and fried as egg plant, it is a delicious dish, or it may be eaten raw, it is so mild. Vaughan's Magnum Dulce Sweet Pepper can be grown to immense size. Seven inches long and 4 inches through, but when grown so large the yield is small. To get a large yield of medium sized peppers, pinch off the "king flowers," the first ones to open. Vaughan's Seed of Magnum Dulce is saved from picked specimens.

Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., $2.25.

New Sweet Upright Salad. Is an early, prolific, good sized, sweet, mild pepper; so mild indeed that it may be eaten raw. In the Northern States it is a most desirable sort; in habit the bushes are of medium height, and bear the peppers upright, not drooping. The size being medium they are just right for stuffing and frying; the bright glossy green color, which turns to a waxen red when ripe, makes this a very attractive pepper. Buy Vaughan's Seed—the best.

Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., $2.25.

Crimson Giant, Early Pepper. An especially desirable sort for the Central States as it matures the earliest of all the large red sweet peppers. In habit the plant grows two and one-half feet high and bears a large quantity of fruits. The peppers are large, run even in both size and shape. The color is deep green when young and a rich red when ripe; flesh thick, sweet, and mild.

Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., $2.25.

Chinese Giant. This standard variety is larger than "Ruby King," but not so large as "Magnum Dulce." It is very prolific for so large a pepper. The productiveness may be increased by pinching off the first or "king blossoms." The fruit grows 4 to 5 inches broad on top and of equal length, and quite uniform in size; the flesh is unusually thick, mild flavor and makes a very fine salad sliced and served like tomatoes. The color is green turning to glossy scarlet when ripe.

Pkt., 15c; ½ oz., 60c; oz., $1.00; ¼ lb., $3.00.

Pepper Plants Started in our Greenhouses and ready to be set out in the Garden will be ready about May 15. See page 44.

VAUGHAN'S MAGNUM DULCE PEPPER
THE LARGEST OF ALL.

RUBY KING. One of the most popular varieties, growing 4½ to 6 inches long, 3½ to 4 inches thick. The peppers are a bright ruby-red and are among the best sorts for pickles. Quite sharp in flavor; the flesh is thick, crisp and tender. Pkt., 10c; oz., 50c; ¼ lb., $1.60.

VAUGHAN'S SWEET MOUNTAIN The fruit when young is a bright, deep green, without shade of purple; when ripe a handsome red. The habit of growth is strong and it is very productive; the flesh, though sharper than "Upright Sweet Salad," is very mild and thick. The peppers often grow 6x4 inches. Pkt., 10c; oz., 50c; ¼ lb., $1.60.

LARGE BELL. Large blocky fruit, usually mild. Popular with home gardeners. Pkt., 10c; oz., 50c; ¼ lb., $1.60.

BULLNOSE, Hot. A pungent very early pepper. Pkt., 10c; oz., 50c; ¼ lb., $1.60.

CAYENNE. Long, red and very hot. Pkt., 10c; oz., 50c; ¼ lb., $1.60.

PIMENTO. Flesh extremely thick and very mild. Must be started early in the North to mature its fruits fully. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.60.

OTHER PEPPER SORTS

NEAPOLITAN. Early and productive. Flesh thick and mild.

ELEPHANT'S TRUNK. Long scarlet.

MAMMOTH GOLDEN QUEEN.

TABASCO. Hottest of all. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., $1.75.

RED CHILI. Good hot pickling.

RED CHERRY. Fruit small; good pickler.

SWEET SPANISH MONSTROUS.

Price of the above except where noted: Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.60.

For *Pies* and Other Purposes

Pumpkins

LIKE melons, squash and cucumbers, pumpkins should be sown when the ground is warm and the plants need plenty of room to ramble. The partial shade of the sweet corn plot is an ideal place in the home garden. A few hills will provide amply for pies and jack-o'-lanterns for the fall festivals.

Vaughan's Sugar Pie Pumpkin. (See cut.) Is so well known as the best pie pumpkin it requires little description. The fruit is small to medium size, with solid fine grained flesh, and such a sweet, sugary, delicious flavor they all call for "more"; the seed cavity is small.

Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.35.

Vaughan's Mammoth Prize. A really enormous variety; specimens have been grown as large as 200 lbs. Notwithstanding its immense size it is among the best pie pumpkins. Flesh fine grained, sweet and tender. Requires a late corn season to mature, needs plenty of room (one plant to a hill) to reach its largest size.

Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., $1.75.

Winter Queen or Winter Luxury. Generally regarded as the finest quality pie pumpkin. Besides its high quality it is the best Winter keeper of all. In size about nine or ten inches in diameter; its skin is a beautiful deep orange-yellow with a close netting as russetty as a potato.

Pkt., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 45c; lb., $1.50.

VAUGHAN'S SUGAR PIE PUMPKIN

SMALL SUGAR. Flat sort, good for the home garden. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.00.

CALHOUN. Medium size, solid and of excellent quality. A fine pie variety. Pkt. 10c; oz., 15c; ¼ lb., 45c; lb., $1.50.

LARGE CHEESE. Of large size, shape flat like a cheese box; very productive. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.00.

LARGE FIELD OR "BIG TOM." The standard pumpkin grown in corn fields to make a feeding crop for cattle. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.00.

JAPANESE PIE. Finest quality, good keeper. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.40.

GOLDEN OBLONG. Orange color. Flesh yellow, excellent flavor. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

SWEET POTATO. Bell-shaped. White flesh. Used for pies. Pkt., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 50c; lb., $1.50.

LARGE TOURS OR MAMMOTH FRENCH. Very large size. Pkt., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 50c; lb., $1.50.

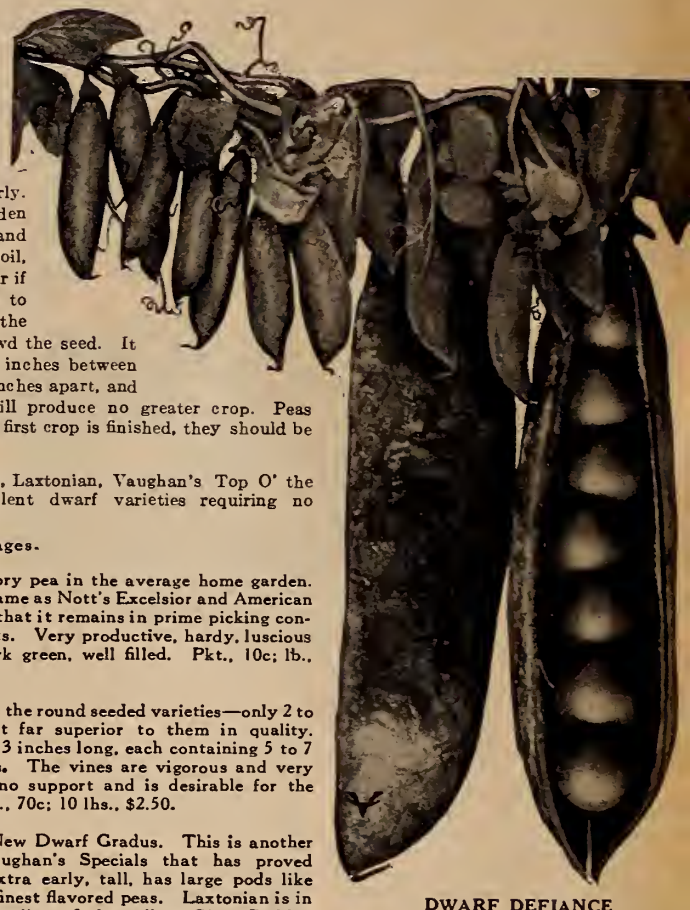
QUAKER PIE. Pear-shaped. Rich flavor and good keeper. Pkt., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 50c; lb., $1.50.

CUSHAW WHITE OR CUSHAW STRIPED. Popular Southern sorts; fine flavor. Either one: Pkt., 10c; oz., 15c; 2 oz., 20c; ¼ lb., 45c; lb., $1.50.

For Those Who Grow it is Reserved the Early Dwarf Peas

LITTLE MARVEL

PEAS are a cool-weather crop. They should be sown when the ground is ready to work, without delay. The smooth seeded sorts will stand cold and freezing weather without rotting in the ground, but they are not so tender or sweet on the table as the wrinkled kinds, which are more risky in the wet soil but still worth taking a chance to get early. Dwarf peas are best suited for the garden where space is scarce. They are early and bear well. It is important to have rich soil, somewhat light, and to give plenty of water if a full crop is to be produced. It will put to use a balanced commercial fertilizer in the row when the seeds are sown. Do not crowd the seed. It is better to sow in single rows, with two inches between the seeds, or in double rows, the rows six inches apart, and seeds two inches apart. Closer sowing will produce no greater crop. Peas must be cultivated faithfully and when the first crop is finished, they should be pulled up for they will bear no more.



DWARF DEFIANCE

For the Home Garden—Little Marvel, Laxtonian, Vaughan's Top O' the Morn and American Wonder are excellent dwarf varieties requiring no support and yielding well.

Laxton's Progress, new, see Novelty Pages.

Little Marvel. The most satisfactory pea in the average home garden. In season it is the same as Nott's Excelsior and American Wonder. The big point in its favor is that it remains in prime picking condition a week longer than the older sorts. Very productive, hardy, luscious and sugary. Vines 18 inches, pod dark green, well filled. Pkt., 10c; lb., 45c; 2 lbs., 85c; 10 lbs., $2.75.

Nott's Excelsior. Almost as early as the round seeded varieties—only 2 to 3 days later—but far superior to them in quality. Vines about 15 inches high, pods about 3 inches long, each containing 5 to 7 peas of good size, tender and delicious. The vines are vigorous and very prolific. It is easily grown, requires no support and is desirable for the home garden. Pkt., 10c; lb., 40c; 2 lbs., 70c; 10 lbs., $2.50.

New Pea, Laxtonian. The New Dwarf Gradus. This is another of Vaughan's Specials that has proved itself a winner for gardeners. It is extra early, tall, has large pods like "Telephone," which are filled with the finest flavored peas. Laxtonian is in season a few days later than the first earlies. It is really a Giant Podded Early Dwarf in a class almost by itself, for size, appearance and productiveness. Pkt., 10c; lb., 50c; 2 lbs., 90c; 10 lbs., $3.25.

American Wonder. Is an extra early dwarf wrinkled pea, of standard quality. The vines are dwarfer than Nott's Excelsior, being only 10 to 12 inches high. Pods are firm and well filled with peas of splendid quality. Pkt., 10c; lb., 40c; 2 lbs., 70c; 10 lbs., $2.50.

New Pea "Eight Weeks." A majority of the gardeners, both home and market, are now favoring the dwarf peas—their small vines require no brushing or poles and permit planting between other crops like tomatoes, thus conserving space. In yield, too, they average well, only slightly less than the heaviest yielding taller sorts. "Eight Weeks" is one of the very shortest vined peas, growing only 8 to 10 inches in height. The quality is excellent. Season earlier than "Nott's Excelsior" or "American Wonder" and just as heavy a yielder. An ideal early kitchen garden sort. The garden affords no greater "luxury" than the first early fresh green peas right from the vine.
Pkt., 10c; lb., 45c; 2 lbs., 85c; 10 lbs., $2.75.

Vaughan's "Top O' the Morn." This is one of the best of the new Dwarf Giant Podded Peas. The vines are of a deep green color, growing 18 inches in height. The pods are blunt-ended, like Nott's Excelsior or Little Marvel, and are produced in clusters all up the haulm, a week later than Laxtonian. Pkt., 10c; lb., 45c; 2 lbs., 85c; 10 lbs., $2.75.

Extra Early Premium Gem or Little Gem. An early dwarfed wrinkled pea, not so upright in habit as "American Wonder," but the vines, which grow 16 to 18 inches high, require no support, and yield great quantities of pods, 3 inches long, filled with peas of fine quality.
Pkt., 10c; lb., 40c; 2 lbs., 70c; 10 lbs., $2.50.

HORSFORD'S MARKET GARDEN. Our strain of this sort is very popular with growers. It is later than "Advancer," grows taller, requires no brushing, and is a heavier producer. The pods are well filled with peas of fine quality. Pkt., 10c; lb., 35c; 2 lbs., 65c; 10 lbs., $2.25.

JUNO OR DWARF CHAMPION. Main crop dwarf wrinkled pea, of hardy, vigorous and prolific growth. Long pods, each contain 7 to 10 peas of very best quality. Pkt., 10c; lb., 40c; 2 lbs., 70c; 10 lbs., $2.50.

VAUGHAN'S SWEET MARKET. An excellent main crop pea. Its season follows right after the Extra Earlies and continues to bear much longer than most varieties. Very prolific and of fine quality. 2½ feet, strong vigorous vines, many bearing 50 pods. Pods 3½ inches long, filled with 7 to 9 peas. Pkt., 10c; lb., 35c; 2 lbs., 65c; 10 lbs., $2.25.

McLEAN'S ADVANCER. Is a favorite with market growers and canners who consider it the best producer of mid-early sorts. McLean's Advancer is very productive, vines 30 inches high, pods full of fine peas of excellent quality. Pkt., 10c; lb., 35c; 2 lbs., 65c; 10 lbs., $2.25.

DWARF TELEPHONE OR DAISY. A mid-season maturing sort of merit; vines are dwarf and bear large, bright green pods, each contains 7 to 9 peas of finest quality. This is a splendid variety, of which we offer a high-class re-selected stock. Pkt., 10c; lb., 45c; 2 lbs., 85c; 10 lbs., $2.75.

Memphis, Tenn.

Vaughan Seed Store:

Gladioli bulbs received from you were finest of any I have ever gotten. Have ordered from several other concerns previous to your order.

MRS. C. C. CHADWICK.

VAUGHAN'S DWARF DEFIANCE. Pea growers cannot afford to overlook this splendid main crop success; it is without a superior, a grand second early. The vines are vigorous, the pods dark green and immense in size and fullness, like "Telephone." The handsome pods are filled with peas that are sweet and rich flavored. Pkt., 10c; lb., 40c; 2 lbs., 70c; 10 lbs., $2.50.

HEROINE. A main crop semi-dwarf that is extremely prolific; vines 30 inches high, with luxuriant foliage. Long, pointed, slightly curved pods, filled with sweet, luscious peas. Pkt., 10c; lb., 40c; 2 lbs., 70c; 10 lbs., $2.50. Larger quantities at 10-lb. rate.

IMPROVED STRATAGEM. Long dark green pods, produced on vines 2 feet high, of strong vigorous growth; matures mid-season; pods are filled with peas of immense size, and delicious sweetness and flavor. Pkt., 10c; lb., 40c; 2 lbs., 70c; 10 lbs., $2.50.

SUTTON'S EXCELSIOR IMPROVED. Is a very fine first early dwarf pea, regarded by some as the best of the wrinkled sorts. It is very hardy; can be planted early; vines are 18 inches high, very prolific; pods are almost square at lower end, larger and broader than the usual dwarf pea, and dark green color. Pkt., 10c; lb., 45c; 2 lbs., 85c; 10 lbs., $2.75.

THREE DWARF PEAS, RIPENING IN SUCCESSION

At the special prices given below (except No. 1) buyer pays express charges.

Little Marvel (First). Dwarf Defiance (Second). Heroine (Third).

No. 1. 1 pkt. of each 25c prepaid....
No. 2. 1 lb. of each (3 lbs).....$1.10
No. 3. 2 lbs. of each (6 lbs) $1.90
No. 4. 10 lbs. of each (30 lbs.).. 7.00

Exquisite Flavor of This Crop at its Best

Early Brush Peas

THOMAS LAXTON

A HEAVIER yield without sacrificing quality is obtained from the varieties of peas which require some support. The early varieties listed on this page grow to three feet high and should be given support of chicken wire, or brush between companion rows. The smooth podded sorts may be sown first, and if not allowed to mature too much will be found to be of the finest table quality.

For the Home Garden—Maud S. and Alaska for the smooth-seeded sorts and Gradus and Thomas Laxton of the wrinkled type are excellent varieties.

Gradus—Vaughan's Re-selected Stock. Gradus is the greatest of the wrinkled peas; it is large, early, and in flavor equal to the best wrinkled kinds. A table luxury and delight which retains its color and fine appearance after being cooked. It is the most popular of all the extra early wrinkled peas. It is tender and should be planted in the warmest spot in the garden; it matures fully two or three days later than the hard round extra early sorts. Vines 30 inches, pods 4 inches long, beautiful green color, with 7 to 10 or more rich, tender peas in each.
Pkt., 10c; lb., 45c; 2 lbs., 85c; 10 lbs., $2.75.

Vaughan's Select Extra Early (First and Best) (Maud S.) (Pedigree Extra Early) Vaughan's strain of this excellent White Seeded sort should be planted by every grower. Vines are 20 to 26 inches high, pods 2½ to 3 inches long, each having 5 to 7 peas. The delicious sweetness, rich flavor and tenderness of Vaughan's Maud S. are the qualities for which our strain is known by growers and consumers. Seed white, round and smooth; crop ripens evenly and extra early.
Pkt., 10c; lb., 35c; 2 lbs., 65c; 10 lbs., $2.25.

Thomas Laxton. This is a selection of Gradus. The season is identical with Gradus, but the pods are square at the end and deeper green. Vines are 3 to 3½ feet high. The main qualities of Gradus are reproduced in this strain and it can be recommended with confidence for home garden. A better yielder than Gradus.
Pkt., 10c; lb., 45c; 2 lbs., 85c; 10 lbs., $2.75.

Vaughan's Late Gradus. This is a special Gradus Pea, bred to fill a special place and time. It comes in between the last of the Gradus and the first of the Telephone. It possesses all the attractiveness and fine qualities of the earlier Gradus with the productiveness of the later sorts. It is a most important introduction for market gardeners.
Pkt., 10c; lb., 45c; 2 lbs., 85c; 10 lbs., $2.75.

Alaska—Called Earliest of All. In season same as "Maud S." Alaska and "Maud S." are in all but color the same; Alaska seed is bluish in color; it is standard for market and canning. Vaughan's strain is true, always reliable and gives best results. Round seed peas do not rot in cold ground so easily as wrinkled peas do, hence earlier planting and harvesting are possible.
Pkt., 10c; lb., 35c; 2 lbs., 65c; 10 lbs., $2.15.

GRADUS PEA

PEAS and SWEET CORN are the most delicious of all the home garden products.

Detroit, Mich., Aug. 1, 1926.
Vaughan's Seed Store, Chicago.
Gentlemen:
I received your seed catalog this spring and ordered some seed and wish to say that of all the seeds I bought the ones from you were the best.
Don't forget to send me your next catalog, as I want to get some more seeds next year.
Sincerely,
Walter Naurotzke,
8628 Ellsworth Av.
Detroit, Mich.

ALASKA or EARLIEST OF ALL

SURPRISE—The Earliest Pea of Quality. In season two days later than Alaska. Being a wrinkled pea, it cannot be planted in soil so cold as smooth peas, like Alaska or Maud S. because not so hardy. Vines grow 24 inches high, require no brushing; the pods are of good size. Pkt., 10c; lb., 40c; 2 lbs., 70c; 10 lbs., $2.50.

THE AMEER. Very popular with truckers in certain sections of the South. The peas are smooth and therefore can be planted early without rotting. The season is early. 2 or 3 days later than Alaska, and the pods are almost twice as large. Pkt., 10c; lb., 40c; 2 lbs., 70c; 10 lbs., $2.50.

MARKET SURPRISE—A New Extra Early Pea. A new, smooth seeded, extra early, growing about 30 inches high and bearing its large pods, filled with peas of remarkably fine quality, in great abundance. It is a sturdy grower, with pods larger than Ameer, filled with wonderfully sweet, fine flavored peas. Pkt., 10c; lb., 40c; 2 lbs., 70c; 10 lbs., $2.65.

TWO-POUND LOTS PREPAID

We prepay to the third zone from Chicago or New York peas, beans and sweet corn up to 2-pound lots at Catalog prices. For larger quantities, add postage at zone rates.

SURPRISE PEA

I have had many hours of pleasure from the Gladiolus collection which I received last spring, and wisb to thank you. Some of the blooms equalled those of costly named sorts, and it was always thrilling to watch the development of the buds, wondering what the blossom would be like.
MRS. H. P. GRANT, Seattle, Washington.

Tall Growing Peas *Yield* Well

IMPROVED TELEPHONE

Increase the yield of your peas by inoculating the seed or soil with "Nitragin"—Nitrogen-gathering bacteria. It is conveniently put up in various sized tins to meet the requirements of home gardeners as well as professional market growers. See page 104.

LONG ISLAND MAMMOTH. Known also as Telegraph. Later and hardier than Telephone, with smooth seeds. The pods are not so large nor the peas of as good quality as Telephone. Pkt., 10c; lb., 40c; 2 lbs., 70c; 10 lbs., $2.50.

BLACK EYE MARROWFAT (Late). A great yielder of ordinary quality peas. Pkt., 10c; lb., 35c; 2 lbs., 60c; 10 lbs., $2.00.

WHITE MARROWFAT. Similar to Black Eye. Popular heavy yielder. Pkt., 10c; lb., 35c; 2 lbs., 60c; 10 lbs., $2.00.

Everbearing. For late summer and autumn; very prolific variety. Pod about 3 inches long, with large peas of good quality.
Pkt., 10c; lb., 40c; 2 lbs., 70c; 10 lbs., $2.50.

Yorkshire Hero. An old standard variety; vines medium tall, produces a fine crop of broad, well filled pods. Peas are wrinkled, sweet, large and remain a long time in good condition.
Pkt., 10c; lb., 40c; 2 lbs., 70c; 10 lbs., $2.50.

Telephone. Standard stock, the pods are light instead of dark green, and are not quite as uniform as our Improved Telephone.
Pkt., 10c; lb., 40c; 2 lbs., 70c; 10 lbs., $2.65.

EDIBLE POD PEAS

(Cooked like String Beans)

MAMMOTH PODDED SUGAR. A late, large sugar pod pea of finest quality. Vines 4 to 5 feet high. Pods 5 to 6 inches long. Pkt., 10c; 1 lb., 45c; 2 lbs., 85c; 10 lbs., $3.00.

DWARF GRAY SUGAR. Vines 16 inches. Pkt., 10c; lb., 40c; 2 lbs., 70c; 10 lbs., $2.65.

Three tall-growing sorts to be planted at the same time to mature successively.

		Postpaid by Mail	By Express at Buyer's Expense
GRADUS	1 pkt., each	$0.25	....
IMPROVED TELEPHONE	1 lb., each (3 lbs.)	....	$1.10
CHAMPION OF ENGLAND	2 lbs., each (6 lbs.)	....	1.90
	10 lbs., each (30 lbs.)	....	7.25

Park Ridge, Ill., May 27, 1926.

Vaughan's Seed Store, Chicago, Ill.

Gentlemen: We have used your seeds for garden and lawn with much satisfaction, and have been benefited by reading "Pointers for Planters"—also enjoy your 1926 "Gardening Illustrated."

Yours very truly,
MRS. E. S. PARKS.

THE gardener who takes pride in his peas and whose space is unlimited will find the tall-growing sorts unequaled for length of season, heavy yielding and high quality. Support should be given, and they should be planted with plenty of room. Liberal fertilizing will be well repaid.

For the Home Garden—Improved Telephone and "Quite Content" will give peas of a size and quality sure to win the envy of your neighbors and the prizes at the garden show.

Vaughan's Improved Telephone. Of the tall growing varieties of late peas, "Vaughan's Improved Telephone" is regarded by experienced and successful growers as the best sort for general purposes. In the home garden its value is attested by heavy yielding and excellent quality.

Uniformly large pods, 5 inches or more long, filled with 8 to 9 delicious peas. The fine, rich, dark green color of the pods gives them the highest market value. The crop maturing evenly makes only a few pickings necessary, and ensures the gardener a good profit.

Vaughan's Improved Telephone pea grows 4 feet high; it is a main crop variety, and a heavy yielder.

Pkt., 10c; lb., 40c; 2 lbs., 85c; 10 lbs., $2.75.

Admiral Beatty. A very desirable mid-season or early main crop variety. Vines are about four feet high, dark green in color, and produce abundantly large pods well filled with eight to ten peas of excellent quality. The fine dark green color of the pods of this variety makes it exceptionally attractive.

Pkt., 10c; lb., 45c; 2 lbs., 85c; 10 lbs., $2.75.

Champion of England. This is a late season tall pea, and as such has long been a recognized standard for best quality, big crop, good sized pods filled with peas of superb flavor. The vines grow about 5 feet high, are very vigorous and productive.

Pkt., 10c; lb., 40c; 2 lbs., 70c; 10 lbs., $2.50.

"Quite Content." This is the largest podded pea, the pods being 5-6 inches in length, quite exceptional for size. It is later in season than "Vaughan's Improved Telephone"; the vines grow 5 to 6 feet high and should be brushed They yield long pods filled with large peas of fine flavor. A splendid exhibition sort.

Pkt., 10c; lb., 50c; 2 lbs., 90c; 10 lbs., $3.00.

Alderman. This mid-season pea is tall-growing of English origin, and a few days later than Vaughan's "Improved Telephone." The pods are very large, straight and dark green color. The vines are exceedingly vigorous and immensely prolific; of the best quality.

Pkt., 10c; lb., 45c; 2 lbs., 85c; 10 lbs., $2.75.

"QUITE CONTENT"—EXHIBITION PEA

To Please the *Eye* and *Taste* as Well, Grow Vaughan's Parsley

VAUGHAN'S XXX PARSLEY

Soup Plants

Fresh vegetables for soup stocks are one of the luxuries of the home garden. Besides Parsley, Parsnip and Carrots, Leek—the Scotch standby—should be tried. The tops of the Celeriac furnish a fine celery flavor as a by-product to the roots.

PARSLEY is one of the vegetables a housewife values most highly in the garden. It is always in demand for garnishing dishes, and often valuable for flavoring soups and stews. It should be sown early because it is very slow to germinate; and it is best to use radish seed mixed with the parsley seed to mark the rows. The parsley will not appear until the radishes are ready to harvest.

Rich and mellow soil is desirable for best results with parsley. When the plants are well up thin to 8 to 12 inches in the row. When the plants of the curled varieties are about three inches high, cut off all the leaves. New growth will start which will be brighter and better curled. Similar treatment may be given from time to time.

The rooted parsley provides excellent flavoring for soups and stews, and also leaves which may be used for garnishing though not so finely curled.

Vaughan's XXX Parsley. "The most beautiful Parsley that ever garnished a dish." An enthusiastic chef gave voice to the above expression as he garnished some disbes of fine table delicacies with sprays of Vaugban's beautiful XXX Parsley. The daintily curled leaves of delicate green, appetizingly fresh and beautiful, add zest and richness to substantial or delicate viands. It is pretty in growth as well as beautiful as a garnish for table dishes. It grows very dwarf in the garden—many of our customers plant it as a border for which it is very pretty; it also is valuable in the hotbed, greenhouse, or in pots in winter, taking small space. Vaughan's XXX Parsley was chosen after many trials and a careful inspection trip through Europe where the seed is grown. It is the best and handsomest colored parsley yet introduced.

Pkt., 10c; oz. 20c; ¼ lb., 45c; lb., $1.40.

Vaughan's Champion Moss Curled. In England this is a prize winning variety. Robust, compact plants are quickly produced, the leaves are so crumpled and curled as to have the appearance of curled moss, with rich, green color; it is quite hardy, slow to run to seed and may be grown in pots or window boxes. For garnishing dishes and for flavoring purposes it is entirely satisfactory.

Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

FERN LEAVED. Leaves so nicely and delicately cut as to resemble the fronds of a fern. Good green color and nice flavor. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

PLAIN or ITALIAN. The leaves are not curled. However, the flavor is excellent and plant is very hardy. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

HAMBURG ROOTED or GERMAN. The root resembles a small parsnip and is the edible part of this sort; used for flavoring soups. Our strain is of exceptional quality. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

DOUBLE CURLED. A very fine dwarf, handsome green, curled variety. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

Vaughan's Specials

We use this sign to indicate sorts which we grow ourselves or stocks which we control absolutely.

THERE ARE NONE BETTER

Parsley sometimes takes 2 or 3 weeks to germinate. Firm the soil well around the seed after sowing and keep the ground from drying out.

Table Parsnips For a Harvest Which Lasts *All Winter*

PARSNIPS should be grown in every home garden not only because of their delicious flavor, but because they may be harvested at times when the garden has little else to offer. Let them remain in the ground over winter, and dig them during a thaw or when the spring thaw comes—they will be as sweet and tender as ever. A freeze is required to sweeten them. For the best results deep soil is needed, and fresh manure should not be used as it will cause the roots to divide.

Vaughan's Marrowfat Parsnips. The accompanying illustration tells the story of uniform good size, fine shape, clean, smooth skin, and general handsome appearance, which distinguishes this high-class variety. In richness of flavor it is unequaled. For exhibition purposes it is a winner.

Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.35.

Magnum Bonum. A greatly improved strain of "Hollow Crown" Parsnip. As a money-maker for market men we recommend it. It is a heavy cropper, the roots are smooth, but not so long, though somewhat thicker than the original, which makes them easier to harvest. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00.

Hollow Crown, Long Smooth. (Abbott's Improved.) Smooth, large, tender and sugary; one of the best. Our strain is a good selection.

Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00.

Improved Guernsey. An improvement over the parent, "Hollow Crown," than which it is much larger in diameter, but not so long. The roots are more easily gathered. This sort gives general satisfaction. Of excellent sugary flavor.

Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00.

Vaughan's New Intermediate. This new sort does not require soil so deep for its cultivation as the older sorts. It is quite equal in quality to the older varieties although the roots are only one-half to two-thirds as long under ordinary conditions. On heavy or clay soil Intermediate is especially good. Roots smooth and handsome and easily harvested.

Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

"French Endive (Witloof Chicory), see page 18, should be grown like parsnips during the summer. In winter they produce, with little care, a salad of exquisite quality.

VAUGHAN'S MARROWFAT—Handsomest and Best

By Sowing for Succession Crops, Spring, Summer and Fall Types Enjoy Radishes

VAUGHAN'S SELECT SCARLET GLOBE

(F)—Forcing Sorts

Vaughan's sale of Radish Seed to the many under-glass gardeners—growers of lettuce and radish — runs into thousands of pounds annually. Many of them buy our seed months in advance and keep these special strains always on hand.

RADISHES supply the first home garden harvest in the spring, and winter radishes may be enjoyed as late as New Year. Quick growth is the secret of success. A rich, light soil is required. The globe and olive varieties grow faster than the long type, and turn pithy sooner; so they must be harvested promptly and will not enjoy hot weather. The long types grow more slowly and are slower to turn pithy, so they endure heat better. Winter radishes should be sown in June or later and allowed

Early Scarlet Globe Forcing (F). Vaughan's Glasshouse Strain. For hothed and greenhouse forcing, and outdoor planting. Very early, crisp, mild and tender, very attractive and one of tbe hest sellers. Tbis radish is rich bright scarlet in color, of uniform globe-shape and stands beat witbout becoming pitby. It is ready for the tahle in 25 days.

Vaughan's Scarlet Glohe Radish should he planted in every greenhouse and garden for market as well as home use. For the home, plant every 10 days until into June; again end of August. Market Gardeners ask for Special Catalog. Lowest prices.

VAUGHAN'S SELECT STOCK—Pkt., 15c; oz., 25c; ¼ lh., 45c; lh., $1.40.

STANDARD STOCK—Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.00; 5 lhs., $4.25. 5-lh. lots as priced here go at huyer's expense, all smaller lots prepaid.

Scarlet Turnip White Tip. Vaughan's Selected Stock. This radish is a tahle dainty, crisp, tender and sweet; it is turnip-shaped, brigbt scarlet color, with wbite tip and is a high-class strain for outdoor planting. It combines heautiful appearance with finest radish quality—appealing to the eye and palate. The exceptional merit of this radisb is proved by its popularity, increasing every year with successful market gardeners, whose orders for Vaughan's Seed run into many thousands of pounds.

VAUGHAN'S "SPARKLER" STRAIN FOR OPEN GROUND—Pkt., 10c; oz., 15c; ¼ lb., 40c; lh., $1.25; 5 lhs., $5.25.

AMERICAN GROWN—Pkt., 10c; oz., 15c; ¼ lh., 35c; lb., $1.00; 5 lbs., $4.25.

Earliest White Turnip or White Box. Good for forcing or open ground, tops are short and tap root thin. Pkt., 10c; oz., 15c; ¼ lh., 40c; lb., $1.10.

Giant Butter. This is by far the largest of tbe early turnip radishes exceeding in size even the Crimson Giant. By careful selection, Giant Butter has heen hred true to type so that there is almost no deviation from its fine, round sbape. In color it is vivid scarlet. It is further cbaracterized by ahility to stand for an unusually long period witbout becoming pitby and is highly recommended to home gardens.
Pkt., 10c; oz. 20c; ¼ lb 45c; lb., $1.40.

Vaughan's 20-Day. Extra Early (F) Olive-Shaped. Tbe quickest Red Olive-shaped radish, matures 20 days after sowing; has attractive, hright scarlet skin, white, sweet, crisp and tender flesh. Leaves being short permits close planting. Fine for outdoor planting or forcing. Pkt., 10c; oz., 20c; ¼ lh., 45c; lh., $1.40.

Improved Breakfast (F). An excellent early olive-shaped radish about 2 inches long, with slender tap root, deep red skin, wbite tip. Flesh is solid, sweet, crisp and tender, fine for the bome garden.
Pkt., 10c; oz., 15c; ¼ lb., 40c; lh., $1.25.

Olive-Shaped Deep Scarlet. Similar to Vaughan's 20-day.
Pkt., 10c; oz., 15c; ¼ lh., 40c; lb., $1.25.

Vaughan's Cardinal Forcing (F). Is a splendid marketing radisb; of the Glohe-shaped sorts it is the handsomest; it is larger and more evenly shaped, and has also a richer red colored skin than Scarlet Glohe and is ready 3 days earlier. Quality, for eating, firmness and flavor are excellent.
Pkt., 10c; oz., 20c; ¼ lb., 45c; lh., $1.40.

CRIMSON GIANT (F). For forcing or outdoor planting. Altbough twice tbe size of other forcing sorts this does not get pithy or hollow; the skin is crimson, flesh is white, tender, crisp and sweet-flavored. Sow seed thinly to permit root growth. Pkt., 10c; oz., 15c; ¼ lh., 40c; lh., $1.25.

VAUGHAN'S ALL SEASONS. May be sown from spring to autumn and used at all stages of growth; a round scarlet radish. Pkt., 10c; oz., 15c; ¼ lb., 40c; lh., $1.10.

EARLIEST WHITE OLIVE (F). Earliest of all radishes—matures in 15 to 18 days after sowing. This sort is pure white, oblong shape with small tops—can be planted close; a very tender radish. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

EARLIEST CARMINE TURNIP (F). The best and quickest all-red turnip-sbaped radisb, matures in ahout 21 days. For forcing under glass it excels, and for outdoor planting in the home garden it is one of the best varieties. Crisp, sweet and tender, leaves very short. Pkt., 10c; oz., 15c; ¼ lh., 45c; lh., $1.25.

TRIUMPH. A very early, handsomely mottled red and white striped, short topped radish of good quality, especially attractive. Pkt., 10c; oz., 15c; ¼ lh., 45c; lb., $1.25.

EARLY SCARLET GLOBE WHITE TIP. Best and quickest of the white tips; fine quality. Pkt., 10c; oz., 15c; ¼ lh., 45c; lh., $1.25.

Giant Butter is the largest early globe, and does not turn pithy soon. Fine for home gardens.

VAUGHAN'S 20-DAY

NON PLUS ULTRA (F). Scarlet turnip-sbaped. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.10.

OTHER GOOD RADISH KINDS

Price, any of the following: Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.10.

FRENCH BREAKFAST. Quick and handsome.

MIXTURE. Turnip and olive-sbaped varieties.

EARLY DEEP SCARLET TURNIP. An old standby.

YELLOW TURNIP. A summer variety.

GOLDEN YELLOW SUMMER Turnip. Smooth.

Onion Sets, producing the succulent "Early Green Onion," is the one crop which offers quicker returns than radishes in the garden—page 28.

Vaughan's "Sparkler" Strain of White Tip Radish has no superior. It has been carefully selected to meet the requirements of critical Eastern gardeners who plant it extensively and buy their seed from us.

SCARLET TURNIP, WHITE TIP "SPARKLER" STRAIN

All Season Long

to develop in the cool, moist fall weather. They may be stored like turnips for winter use.

Root maggots sometimes attack radishes. The best way to avoid them is to reject rank manure for the radish bed and sow on ground where no root or cabbage crop grew the year before. A succession of crops may be obtained either by sowing the olive or globe or long types simultaneously, or by making successive sowings of a favored variety, remembering that little success will be had with earlier sorts in the hot weather.

Icicle—The Finest White Radish. An ideal white radish—long slender root which remains crisp and mild until grown large. It matures early with short top, which permits close planting and forcing. Many of our customers say it is the finest radish they have ever grown. Plant every 10 days for succession. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.10.

HALF LONG DEEP SCARLET (F). This is good for forcing, it is brittle and mild. It is much grown in the South for early shipment. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.10.

BRIGHTEST LONG SCARLET. This is a home garden favorite; the body is brightest scarlet color, which blends downward to a long tip of pure white. Usually ready for the table in 25 days from planting. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.10.

VAUGHAN'S MARKET. (Half-Long White.) The best early half-long white radish, tender, brittle, delicate flavor, resembles Strassburg in size, grows more quickly, delicate and fine. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.10.

CINCINNATI MARKET. A long red radish, white tip, short top. If your market uses a long sort try this one. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.10.

EARLY LONG SCARLET SHORT TOP

Early Long Scarlet Short Top. A long, straight, smooth, red radish; it grows partly above ground; it develops long roots, tender, crisp and sweet. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.10.

SUMMER RADISHES

Grow larger than early radishes and remain in good condition longer. All of the following: Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.10.

IMPROVED CHARTIER. Somewhat resembling Brightest Scarlet. It is double the size and later; long scarlet tipped with white.

LONG WHITE VIENNA. Snow-white, very brittle and crisp.

WHITE STUTTGART. A turnip-shaped, large white radish.

WHITE STRASSBURG. Larger size and thicker than Vienna. Very solid.

OLIVE CRYSTAL

MAY RADISHES

This late class is very popular in Europe and should be grown more in this country.

Olive Crystal

Vaughan's "Olive Crystal" is the sweetest of all Summer Radishes. Our illustration shows the type well; note the smoothness and clearness of the skin, giving it a great advantage in beauty over such Summer sorts as Stuttgart and Strassburg. Outside of its looks Olive Crystal has quality; the flesh is as sweet as a nut, entirely without the sharpness so often found objectionable in varieties of the same class. In shape it is that of an olive and the size of a walnut.

Those who like the Sweet Radish will find in this one that which is really ideal in a fine variety of this quality. This new sort matures early, grows a very small top and has a very small tap root. An added feature is that it may be planted early without running to seed. Price. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.50.

Oval Yellow

A late variety, of excellent quality and attractive appearance. Pkt., 10c; oz., 15c; ¼ lb., 45c.

They Give Interest to the Diet and Stimulate Dull Appetites

(F)—Forcing Sorts

The early or forcing Radishes must have short or minimum tops so that all of the efforts of the plants are used to produce roots in the shortest possible time. This has been accomplished by careful breeding and the selection of those parent plants which transmit this characteristic. Continuous re-selection and transplanting so inspection of each plant is possible is necessary to produce the better strain. Vaughan's Early Radishes are so pedigreed, and grown in those parts of the world where environment is favorable.

ICICLE RADISH

WINTER RADISHES

Do not sow these until the latter part of June.

THE MUNICH. The German knows this as the Beer Radish. Grows from 6 to 8 inches in length; broad at the shoulder, white thin skin; mild and delicious. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.50.

Each of the following: Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

CALIFORNIA MAMMOTH WINTER. Long, very large size.

ROSE OR SCARLET CHINA. Rose, medium size, fine keeper.

CHINESE MAMMOTH OR CELESTIAL. Immense size, flesh always crisp and mild.

BLACK SPANISH, LONG. Black skin and white flesh.

BLACK SPANISH, ROUND. Like Long Black, only round.

LONG WHITE SPANISH. Like Long Black, except color.

LONG HALF BLACK WINTER. Fine sort.

SAKURAJIMA. A Japanese radish of immense size. In shape it is oval with cream-colored skin and pure white flesh. The roots are cooked like turnips, but have no strong taste. Sow in May. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.50.

SALSIFY, OR OYSTER PLANT

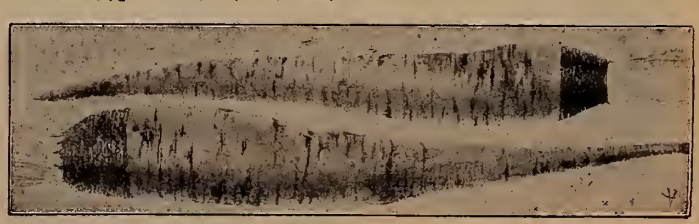
THOUGH not as generally grown as it should be, this is, when cooked, a really delicious vegetable, surpassing in richness of flavor both carrots and parsnips. It acquires a decided oyster flavor after a good frosting. Roots for winter use should be lifted in the fall while those for early spring use may be left in the ground, but lifted before they start to grow. Salsify is boiled like parsnips or carrots, or after half boiling can be grated and made into flattened balls and fried like oysters.

Mammoth Sandwich Island. This variety is much more uniform in growth than the old standard "Long White" Variety; it is twice the size and weight; the roots are of superior quality and most delicate flavor. Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., $2.50.

Long White Salsify. Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., $2.50.

Scorzonera, or Black Salsify. Considered by many better than white salsify. Somewhat harder to raise, although cultivated in the same way. Pkt., 10c; oz., 30c; ¼ lb., 85c.

Rampion—A New Salad. Both the roots and leaves make a delicious salad. Pkt., 10c; ½ oz., 15c; oz., 30c; 2 oz., 55c.



SALSIFY, MAMMOTH SANDWICH ISLAND

For *Roughage* in the *Balanced Diet* Grow Health Giving Greens

New Spinaches

SPINACH delights in cool moist weather. Seed should be sown at the earliest possible moment in spring in rows one foot apart and thinned to six inches in the row. It matures in 45 to 50 days and quickly runs to seed in warm weather. The Antvorskov variety listed in our Vegetable Novelty pages is most free from this tendency. Home gardeners have generally adopted Swiss Chard and New Zealand Spinach as a greens crop, as both may be cut many times and will produce a continuous crop until freezing weather in the fall. A fall crop of spinach may be sown in late July or August and will find the cool, moist autumn weather favorable for growth. The value of spinach in the diet has been scientifically established by the vitamine investigation.

New Long Standing Spinach "Antvorskov." (Danish King)
In our trials this variety has been slower to run to seed than any other sort. Antvorskov forms quite large tufts (or rosettes) compact and low. The numerous leaves are extra large, broad and rounded, exceedingly bushy, slightly crumpled and of a glossy dark green color. It is vigorous and a rapid grower. It is ready for use practically as early as any Spinach and remains in condition much longer. The seed is round.
Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

New Spinach (Princess Juliana). This is a new type of "Long Season" Spinach. The leaves are of good size, very dark green, well crumpled and thick. The first plants of Spinach to bolt to seed are the male plants. (Spinach is generally dioecious, i. e.; these are male and female plants.) This first bolting seed has been eliminated in this new race by the production of bermaphrodite plants, these plants seeding much later than male plants. Our trials and European reports are very favorable. We recommend for trial.
Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

Virginia Savoy Yellows or Mosaic Disease Resistant.
A variety originated by the Virginia Truck Experiment Station, a cross between Resistant Bloomsdale Savoy and Manchurian. This is a cool weather variety, for winter in the South and fall in the North. The leaves have markedly the Savoy characteristics.
Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 90c.

Vaughan's Triumph Spinach. Withstands hot weather longer than other sorts; it thereby increases the length of the season a month. It does not wilt or run to seed so quickly as other sorts. Its habit of growth is prostrate, rather than upright; the leaves are thick warted, and fine and tender when cooked.
Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c; 10 lbs., $3.25.

New Zealand Spinach (Tetragonia Expansa). While this is not a member of the Spinach family proper, it may well be classed as such, since it furnishes an abundance of delightful "greens" throughout the summer and right up to cold weather. Both the leaves and the stalks of the plant are very fleshy and extremely brittle and of the finest quality when cooked. Do not sow seed until May 1st or when the soil is fairly warm, as it is susceptible to cold and will not germinate in cold soil. Plant in rows 3 feet apart and thin the plants to stand 2 feet apart in the rows. Soak the seed before sowing.
Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.00.

12 VEGETABLES GIVING GREATEST RETURNS FOR LEAST SPACE AND LABOR.

OFFER: 12 Varieties. One pkt. each, prepaid, $1.00.

- Beans. Stringless Greenpod.
- Beets. Vaughan's Fire Ball
- Carrot. Early Chantenay.
- Sweet Corn. Golden Bantam.
- Cucumber. Davis Perfect.
- Lettuce. Black Seeded Simpson.
- Onion Sets. White Bottom.
- Parsley. Vaughan's XXX.
- Radish. White Tip "Sparkler."
- Radish. Icicle.
- Swiss Chard.
- Tomato. Bonny Best.

Swiss Chard should be grown in every Home Garden.

SWISS CHARD

NEW LONG STANDING SPINACH "ANTVORSKOV"
New Blooms are Long Standing.

BLOOMSDALE OR NORFOLK SAVOY-LEAVED. Is a very hardy sort; the leaves are very thick and blistered, making it a fine shipper; it is a good standard size, and a great favorite with Southern truckers. Pkt., 10c; oz., 15c; ¼ lb., 20c; lb., 50c; 10 lbs., $3.00.

EXTRA LARGE ROUND LEAF. Large crumpled leaves. This is one of the best for early use, and if sown again in August is hardy enough for late autumn use.

PRICKLY-SEEDED. Very hardy; sow in fall; for late use.

LONG STANDING. Of compact growth with thick deep green leaves Slow to seed.

MONSTROUS-LEAVED VIROFLAY. Quick, strong growth. N. Y. favorite.

Price of the above, except where noted. Pkt., 10c; oz., 15c; ¼ lb., 20c; lb., 50c; 10 lbs., $3.00.

Vaughan's Giant Fillbasket. The very largest Early Spinach, the result of careful re-selection. In Europe it holds first place in public favor. Our customers here have had great success with it and are planting it more extensively each year. Its broad, thick, dark green leaves are very crisp and tender and of delicately delicious flavor.
Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c; 10 lbs., $3.50.

Victoria Spinach. Remains in prime condition two to three weeks after other varieties, excepting "Vaughan's Triumph," have run to seed. It is of true Savoy type, dense foliage, broad, dark green leaves of best quality; a great heat resister.
Pkt., 10c; oz., 15c; ¼ lb., 20c; lb., 50c; 10 lbs., $3.00.

For Greens Throughout the Summer

Swiss Chard

The City Gardener's Friend.

Swiss Chard — "Cut and Come Again." This vegetable gives maximum returns for little care and space; it yields a constant crop from July to winter. If your garden space is limited, Swiss Chard must have a place, for in proportion to ground occupied, Swiss Chard produces more food for the table than almost any other vegetable. The leaves are used for greens the same as spinach or beet tops. Sow early in spring, in rows 16 inches apart, and thin out to 6 inches in the rows. It can be used all Summer when spinach is not available. The leaves grow very large, with broad, flat, pure white stems, and mid-ribs, which may be cooked like asparagus, or made into very good pickles. As it grows, thin out for use and keep clear of weeds. Good cultivation increases its tenderness. Gardeners use Swiss Chard as a catch crop, giving quick results on temporarily idle spaces. The investment is small and returns large. Our packages contain recipes for cooking.
Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00.

LUCULLUS SWISS CHARD. A new Moss Curled sort. Very large leaves. The mid-ribs are very broad and form a good substitute for asparagus during the summer months. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.25.

COOPER'S MAMMOTH. This new mammoth sort is a medium green-colored variety of immense size—large chard or mid-rib of excellent quality and flavor. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.50.

LYON SWISS CHARD. A new variety, selected especially for its broad mid-ribs and stems. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.25.

GARDEN SORREL. Is boiled and served like spinach, also delicious for soups. As the hot sun tends to increase its acidity, a Northern exposure is advisable. It should be sown in drills 18 inches apart. It is hardy, but the roots should be divided every four years. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.60.

As Sweet as *Melons* and far *Easier* to Grow are the *New*

NEW SQUASH "TABLE QUEEN"

New Squash Table Queen, "Des Moines." We can truly say that the height of Squash quality is still unknown to one who has not eaten half a Table Queen, baked and buttered. The enthusiasm of customers entitles it to the place among squashes accorded to "Golden Bantam" in sweet corn. In size Table Queen equals a fair sized husked coconut, and a half, baked, serves one person amply. This avoids the waste often resulting from the use of larger varieties. The shell is unusually thin and it does not require over twenty minutes for baking or boiling. A good way to prepare is to cut in half, place a lump of butter on one half, top with the other and then bake whole. This squash is ready before the Hubbards and yet stores equally well. The color is dark green changing to bright golden after picking and storing. The meat is dry and mealy. It yields enormously—a few hills furnisbing an ample supply for a good sized family.
Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., $2.00.

Vaughan's Giant Summer Crookneck. Our strain of this popular squash produces fruit nearly double the size of the old standard "Crookneck." The plants are healthy, bushy and compact; they produce in quantity fruit that is heavily warted and true to type. The flesh is a rich golden yellow, the quality and flavor of which is the very best.
Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.50.

Vegetable Marrow. This is a most important vegetable in the English market, but little known in this country. The fruit is generally eaten when less than half grown, as the flesh is then very tender and marrowy. Our packages contain cultural directions and recipes for cooking.
Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.65.

Cocozelle (Italian Vegetable Marrow). A bush summer variety. Fruits oblong, ribbed, 12-16 inches in length. Color dark green marbled with yellow and dark green stripes. Very fine flavor.
Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.75.

DELICIOUS SQUASH

The Delicious—For Quality. A squash of exceptional merit for table use. A fall and winter variety, but is fine in all seasons, though its best quality is not attained until winter. The fruit varies in shape and size, weight ranging from 5 to 10 pounds each. The rind is very thin, uniformly green, and the flesh is very thick and dark orange color.
Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.60.

Mammoth White Bush. Is an improved selection of the old "Early White Bush," the highly favored early summer squash. The newer sort is much larger and deeper, has fewer scallops, whicb saves waste, and is a heavier producer. Our strain is very select. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., $1.40.

BUSH FORDHOOK SQUASH. A new bush type of the original Fordhook, unequaled in quality and delicious sweetness by any variety, whether for summer or winter use. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.50.

FORDHOOK—Early. Ripens early and is one of the best keepers. Can be kept through the winter until June. Is very prolific, and nearly bug and borer proof. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.50.

Table Squashes

SQUASH are growing in popularity with home gardeners. They must be sown in quick soil after it has warmed up, in hills 8 to 10 feet apart for the vine varieties and 3 to 5 feet for the bush sorts. The squash borer is the principal enemy, and the best protection against it is to cover the vine with soil at several joints. It will take root where covered and limit the damage done by the borer. Vegetable Marrows are considered by many to be superior in flavor to egg plant if sliced when half grown and fried. All squashes may be baked and eaten with butter, in which form they oftentimes are relished by persons who dislike them when mashed and boiled.

New Squash "Kitchenette" (Hubbard). A small edition of the Hubbard Squash developed by inbreeding and introduced by the Minnesota Experiment Station. It was named "Kitchenette" because it is the smallest Hubbard. The squash average about 5 pounds. They are a glossy dark green, fully equal to any Hubbard for quality and keep as well in storage. In season they are two weeks earlier than the Hubbards and still yield in gross tonnage as well as the other varieties. There are many points of value in a small squash.
Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., $2.25.

Golden Hubbard. Fruits are of the same shape as Green Hubbard, and warted, but average one-half to one-third smaller in size. They are earlier in season, but keep in fine condition through the winter. The skin is deep orange yellow and very attractive. Flesh is deep golden yellow, fine grained and delicious.
Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.40.

ORIGINAL HUBBARD

Original Hubbard Squash. Not as large as Vaughan's original Chicago Warted Hubbard, but in shape and quality it is similar. The fruit has dark green skin, and often weighs as much as twenty pounds; the flesh is bright orange color, fine grained, dry and tbick, of superior flavor. If stored right, Vaughan's Strain can be sold in good condition until spring.
Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.40.

Vaughan's Chicago Warted Hubbard. Vaughan's Chicago Warted Hubbard Squash has been bred to meet the requirements of a high-class article of this kind; fruits are of large size, rough skin, dark green in color. For producers on a large scale, these qualities are needed. Our strain is ideal for the home market, vines are of strong, robust growth, fruit is large, grand shape, heavily warted, flesh is bright orange, fine grained, rich and dry.
Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.65.

YELLOW SUMMER CROOKNECK. The old standard variety, very prolific, but smaller than "Giant Summer," a fine squash. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.40.

EARLY WHITE BUSH. Very early. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.
Stock seed—Pkt., 15c; oz., 30c; ¼ lb., 80c; lb., $3.00.

EARLY YELLOW BUSH. A true bush, though of an earlier and smaller strain than the above. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

MAMMOTH YELLOW BUSH. Like Mammoth White Bush. The fruit runs a little larger. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

BOSTON MARROW. Very popular for fall and winter; thin rind, orange color, yellow flesh, fine for pies, good keeper. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

MAMMOTH CHILI. A popular exhibition sort. Specimens grow as large as 150 pounds. Rich orange yellow color. Pkt., 10c; oz., 25c; ¼ lb., 65c; 1 lb., $2.00.

CHICAGO ORANGE MARROW. Large as Hubbard, good quality, 10 days earlier than others, keeps as long. Season — Sept. to Jan. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

PIKE'S PEAK OR SIBLEY. A vigorous, prolific old standard, oval shape, tapering at blossom end, skin dark green. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.50.

DELICATA. Orange-yellow, mottled with spots and stripes of dark green. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.50.

FAXON'S BRAZILIAN. Early, long keeper, a sort that sports, average quality. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.50.

MARBLEHEAD. Prolific, light blue, olive shape, dry and sweet, delicious flavor. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.65.

ESSEX HYBRID—Turban Shape. For fall or winter; large broad fruit; skin and flesh orange-red. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.50.

Early and *Late* Tomatoes

EARLIANA BEST RED EXTRA EARLY

See Novelty Pages for New Varieties

TOMATOES are an ideal home garden crop, thriving in a clay soil none too fertile and yielding heavily in small space. They should be started indoors and those unable to do this should purchase plants. The plants may be set in the garden when danger of frost is over. It is important to give them a quick start after transplanting by frequent watering and fertilizing. They should be sprayed with bordeaux mixture to prevent disease, and with arsenate of lead to keep off the tomato worm; and Pyrox furnishes a combination spray which will accomplish both purposes. Hot sun is needed to ripen tomatoes and plenty of water to keep them growing. If trained to stakes or trellises they will ripen sooner, though satisfactory crops are produced by allowing the vines to lie on the ground.

For the Home Garden—Earliana for the first crop, John Baer second early, and Stone for the main crop are the most popular and are of excellent quality. For those who prefer a large size fruit, plant Ponderosa, Crimson Cushion or Enormous. The dwarf types take up less space in the garden while producing fruits of normal size.

Vaughan's Select Earliana. Very popular Early Red. Vaughan's Earliana is the earliest large, smooth bright red tomato. In season it ripens with the earliest, and our strain shows few, if any, of the rough fruits found in large numbers in other early sorts, and among many strains of Earliana. This variety is compact in growth, with stout jointed branches; the vines yield well and the fruit is solid and of fine quality. Pkt., 15c; ½ oz., 25c; oz., 40c; ¼ lb., $1.25; lb., $4.00.

John Baer. A remarkable new variety of the extra early red or scarlet type. Not quite so early as Earliana, though there are only a few days' difference, and John Baer yields a much heavier crop of larger, more uniform and more attractive fruits. Most profitable extra early sort. Pkt 10c; ½ oz., 20c; oz., 40c; ¼ lb., $1.25; lb., $4.00.

Bonny Best. Regarded as a shade later than John Baer. Smooth, large and uniform fruit; yields well until frost. Pkt., 10c; ½ oz., 20c; oz., 40c; ¼ lb., $1.25; lb., $4.00.

Vaughan's New York. A worthy sort to follow the early red sorts like Earliana and Chalk's Jewel. It is a second early red-skinned, firm-fleshed tomato of high quality which is at the same time of good size and attractive appearance. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., $1.40.

June Pink—The Best Extra Early Pink. In many, perhaps the greater number of markets, a pink early tomato is most desired. This is the earliest of the pink varieties, and is similar in habit to the famous Earliana. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., $1.60; lb., $6.00.

Avon Early Tomato. This is a scarlet-fruited variety of the very earliest class. It bears as quickly as Earliana, produces fruits of good size, round or slightly flattened, smooth and free from cracks and of fine quality. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.50; lb., $5.00.

Hudson Valley Maid. This new potato-leaved variety, in trial, showed up remarkably well during a dry, off season, the potato-leaved sorts seeming to possess a hardiness that few of the ordinary leaved sorts have. It is second in season, of good size, smooth and bright red. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., $2.50.

Vaughan's Model (Tree) A Potato-leaved dwarf or tree variety, hardier and more prolific than the ordinary leaved dwarf varieties like Dwarf Champion. The foliage is large, broad, dark green and heavily blistered. The fruit is brilliant scarlet. Pkt. 10c; ½ oz., 25c; oz., 45c; ¼ lb., $1.50; lb., $5.00.

ACME—Early (Purple). Very valuable for market gardeners who ship or have a home market, and also for amateurs. The vine is large and very prolific, bearing fruit in clusters of four or five, early and continuously until frost. Pkt., 1 ; ½ oz., 20c; oz., 40c; ¼ lb., $1.25; lb., $4.00.

EARLY DETROIT (Purple). The equal of any second Early Purple Tomato. Bears uniform, large, handsome, smooth fruit through the long season, yielding in the aggregate more marketable tomatoes than the popular Beauty which variety it most closely resembles. The fruit is firm and almost globe-shaped. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., $1.60.

BEAUTY (Purple). Is the most popular of the large purple sorts. Vines large, vigorous and heavy bearers, fruit large, uniform, very smooth purplish pink skin; flesh light pink. Pkt., 10c; ½ oz., 20c; oz., 40c; ¼ lb., $1.25; lb., $4.00.

HUMMER—Early (Red). Globe-shaped, medium size, smooth, prepared for table without waste. Scarlet, free from cracks. Has heavy foliage and should be grown on trellises. Pkt., 10c; ½ oz., 20c; oz 35c; ¼ lb., $1.00; lb., $3.50.

DWARF ARISTOCRAT. This is a scarlet Dwarf Champion. The size, shape, form and color are nearly perfect for home use. It will be found good under glass and for early market out of doors. It may be planted 3x3 feet, making it ideal in home gardens. Pkt., 10c; ½ oz., 20c; oz., 40c; ¼ lb., $1.25; lb., $4.50.

MATCHLESS. Large, bright red, long keeping tomato. The solid fruit is produced on strong, vigorous, prolific vines. Very distinct. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., $1.00; lb., $3.50.

VAUGHAN'S IMPROVED NEW STONE

IMPROVED NEW STONE. "King of the Reds." The very best of the main crop varieties. For yield, size and appearance, we have seen no finer strain than ours. The smooth skin, small core, fine-grained flesh with little acidity, delight the eater and give satisfaction to the grower. Canners plant it for their main crop and market-gardeners find it their most profitable sort. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., $1.00; lb., $3.50.

CHALK'S EARLY JEWEL. The original large smooth extra early red, much planted by canners in the Northern States — many still prefer this to Bonny Best. Pkt., 10c; ½ oz., 20c; oz., 40c; ¼ lb., $1.25; lb., $4.00.

Our trial ground or experiment department is always anxious to receive criticisms of stocks or strains with an aim to better them. Also, if varieties you are using are not suited for your use, we may be able to help you with suggestions.

DWARF CHAMPION

FORCING TOMATOES

We provide choicest strains obtainable for greenhouse work.

SUNRISE. Rich scarlet, medium size, solid delicate flesh. Very prolific. Pkt., 25c; ½ oz., 35c.

COMET. Scarlet. Fruit medium, the heaviest yielder of greenhouse sorts. Pkt., 25c; ½ oz., 35c.

BEST OF ALL. Sutton's. One of the old standards; good yielder of small scarlet fruits. Pkt., 15c; ½ oz., 25c.

BONNY BEST. The most popular American variety for forcing. Forcing strain. Pkt., 20c.

FROGMORE SELECT. Almost round, small seed cavity, bright red. Pkt., 25c; ½ oz., 35c.

LORILLARD. One of the best known and popular kinds. Pkt., 15c; ½ oz., 25c.

STIRLING CASTLE. Small size, uniform and very productive. Pkt., 25c; ½ oz., 35c.

LISTER'S PROLIFIC (New). Latest popular English sort. Pkt., 25c.

FILL BASKET (New). One of the best of the English Forcing varieties. Vine heavier than Sunrise. Fruit set in clusters of three to five. Color, scarlet; heavy yield. Pkt., 25c; ½ oz., 35c.

of *Every* Type and Size

Dwarf Stone—The Largest Dwarf Tomato. This is the largest Dwarf tomato; it resembles "Dwarf Champion," but is of stronger growth and more erect. In shape and size it is similar to "Improved New Stone." The fruit is red, and specimens weighing ¾ pound are not uncommon. Dwarf Stone is almost as early as "Dwarf Champion," and the fruit is the size of the last named sort. Fruit ripens evenly, is solid, free from cracks and of excellent quality. Amateurs find Dwarf Stone a splendid sort, because of its dwarf habit and robust growth.
Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., $1.30; lb., $4.50.

Ponderosa—The Giant Tomato. Of the large fruited varieties, this one is a gem The vines are strong in growth, and when planted in good soil and pruned to a single stem, the fruit reaches one pound in weight. Tomatoes grow in beautiful clusters. The fruit is mostly oblong in shape, usually ribbed, is deep purple color, has solid flesh of sweet flavor, and small seed cells.
Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.75; lb., $6.00.

Dwarf Champion. A good sort for the home garden. Owing to its dwarf habit and upright tree-like growth it is a great favorite. It is of medium size, very smooth, purplish pink, symmetrical, flesh very solid. The vine is strong and stiff, requiring little support.
Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., $1.30; lb., $4.50.

Gulf State Market Tomato. This globe-shaped purplish pink tomato was developed from Early Detroit and is as early as that variety. It is said to be especially adapted to the Gulf states and California. The fruits are large, showing little depression around the stem, and free from cracks.
Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., $1.50; 1 lb., $5.00.

New Globe Tomato. This new Globe or Ball-Shaped tomato is ideal for the home garden; it is excellent for slicing. The rich, juicy, tomato flavor gives a certain zest and joy in the eating. The vines ripen the first fruits with the second earlies. They yield a heavy crop and continue to bear until frost. The skin is a smooth, purplish pink; the flesh is firm and it has few seeds.
Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., $1.60; lb., $6.00.

Golden Ponderosa. A Yellow Gem. This is a yellow Ponderosa equal in size to that magnificent variety. Sliced and served with the Purple Ponderosa, it makes a highly decorative and appetizing salad. Runs nearly true to type with a small percentage of mixed fruits.
Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.75; lb., $6.00.

CREAM CITY. This is one of the very first large tomatoes to ripen. Smooth, always round and good size. The color is purplish crimson, similar to Acme. Flesh thick, firm and solid, with few seeds. Good shipper. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., $1.30; lb., $4.50.

VAUGHAN'S TALL CHAMPION. An extremely strong grower and heavy bearer; the fruit is like "Dwarf Champion" in color and smoothness, but runs a little larger in size, averaging 2¼ inches thick and 3¼ inches broad. It is very hardy and very prolific, one of the most desirable sorts for both home and market use. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., $1.40.

ENORMOUS. Very large, beautifully smooth, solid flesh, few seeds, rather oval shape, mid-season, ripens all through at once. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., $1.40; lb., $5.00.

CORELESS TOMATO. Most perfect shape, best suited to Southern and Central States; requires long season to mature. Splendid for home gardeners and canners. Pkt., 10c; ½ oz., 20c; oz., 40c; ¼ lb., $1.25; lb., $4.00.

CRIMSON CUSHION or BEEFSTEAK. Is very large, round and regular; bright scarlet skin, solid flesh of best quality, seed cells small. Plants are very prolific, fine appearance. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.75; lb., $6.00.

MAGNUS. Potato-leaved; an early main crop, strong growing vines, a heavy cropper. Fruit is globe-shape, and ripens evenly. Pkt., 10c; ½ oz. 20c; oz., 35c; ¼ lb., $1.00; lb., $3.50.

DWARF STONE

TOMATO PLANTS

We have ready about May 15th, carefully grown tomato plants. See page 44 for varieties and sizes.

A SINGLE CLUSTER

VAUGHAN'S MAMMOTH PONDEROSA

NEW GLOBE

SMALL-FRUITED TOMATOES

Very Desirable for Pickles and Preserves.

NEW GRAPE OR CLUSTER, NAPOLEON. This is the best of the so-called "dessert" tomatoes which are eaten whole. Immensely productive; sometimes 40 to 60 of the small fruits fully developed in one cluster. Pinch off some of the blossoms, if increased size is wanted. The flavor is delicious. Pkt., 15c; ½ oz., 35c; oz., 60c.

Marshalltown, Iowa.

Please may I impose a very small order on you at a late date. Miss Edith Wickersham has the most wonderful bed of Columbines ever seen in Marshalltown and she tells me they are from Vaughan's Seed. MRS. G. A. MOTE.

RED CURRANT. Very small. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., $1.85.

Prices of the following: Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., $1.60.

TWO PEACH TOMATOES. Peach shape and color. Red or Yellow.

YELLOW PLUM AND RED PLUM. Fruit about 2 inches long, 1 inch through; the one is lemon-yellow, the other plum-red.

YELLOW AND RED PEAR. Distinct shape.

RED CHERRY. Small fruit, bright, scarlet.

HUSK or STRAWBERRY. The small yellow fruit is enclosed in a husk. It is very sweet, prized for eating, preserving and making pies.

OTHER STANDARD SORTS

GOLDEN QUEEN. Brick yellow. Pkt., 10c; ½ oz., 30c; oz., 45c; ¼ lb., $1.30; lb., $4.50.

TROPHY. Old standard; late. Pkt., 10c; ½ oz., 30c; oz., 45c; ¼ lb., $1.30; lb., $4.50.

EARLY MICHIGAN. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., $1.30; lb., $4.50.

BUCKEYE STATE. Large purple. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.50; 1 lb., $5.00.

All below at the following prices: Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., $1.00; lb., $3.50.

EARLY FREEDOM. Very early.

HONOR BRIGHT. Fine shipper.

IMPERIAL. Early purple.

PERFECTION. Blood-red; late.

Delicious and *Non-Fattening* Fibrous Food is Provided by

Table Turnips and Rutabagas

TURNIPS are cool weather plants and thrive best in spring and fall. For early use seed should be sown as soon as the ground can be prepared and will give roots large enough for the table in six to ten weeks. For the fall crop seed should be sown June to August and the plants will grow until freezing weather, when they should be harvested and stored. Rutabagas after a touch of frost are a delightful addition to the winter diet. To avoid maggots, it is best to sow turnips on different soil each year.

A loose and fertile soil is needed to mature early turnips rapidly, and avoid a bitterness which develops when growth is checked. The plants should be thinned to stand three inches apart, and then the half grown roots should be harvested alternately.

For the Home Garden—Any of the table turnips and rutabagas listed on this page will be found satisfactory.

Purple Top White Globe. Originated from "Purple Top Flat Turnip," is extensively planted and popular for its fine qualities. The flesh is firm, fine grained, sweet and rich flavored; it is of good size, globe-shaped, fine appearance, a good producer and fine keeper. Splendid for table—tiptop for stock.
Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00; 5 lbs., $3.75.

Extra Early Purple Top Milan. An excellent medium size turnip, almost as early as White Milan, smooth white surface, purple top, flat shape, white flesh—its growth is very uniform and quality the best.
Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

PURPLE TOP MILAN

WHITE FLAT DUTCH

EARLY WHITE MILAN is the earliest turnip, but can be used Spring or Fall. The skin is smooth, snowy white, has a polished appearance; medium size, white, tender, sweet. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.25.

GOLDEN BALL or ORANGE JELLY. Medium size, globular table turnip. Season early. Flesh yellow, sweet. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

YELLOW STONE. Popular variety, yellow flesh, round shape, somewhat flattened; excellent quality for table or market. Good for stock. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

TELTOW. Small in size; a German delicacy of remarkable quality. Pkt., 10c; oz., 20c; ¼ lb., 35c; lb., $1.00.

WHITE FLAT DUTCH. A very fine turnip when not overgrown, but spongy and inferior if over matured. It is an early garden variety, popular in the Southern States; is medium sized, sweet, tender and desirable for table use. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

EARLY SNOWBALL. Small, white, grows quickly, splendid table quality. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

SEVEN TOP. A variety much grown in the South for the tops, which are used as greens. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 75c.

LARGE YELLOW or AMBER GLOBE. Fine quality and sweet. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb. 75c.

TABLE RUTABAGAS

Vaughan's Improved American Purple Top is a fine strain of Purple Top. Largest size, best shaped variety, small neck, smooth skin; good cropper and keeper. One of the most profitable to grow, on account of its great yield of large solid roots, which make excellent winter feed for all farm stock. Excellent table quality.
Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 85c; 5 lbs., $3.25.

Bangholm Danish. Yellow flesh, purple top with small neck. This variety has excellent table quality and is recommended for home gardeners. Danish pedigree seed. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

Prices of the following: Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

LAING'S GARDEN RUTABAGA. Short top, well shaped, medium root. Purple skin, yellow flesh. A splendid winter keeper, delicious after first few November frosts.

WHITE SWEDE. White, solid.

SWEET GERMAN. A fine table sort, white flesh, excellent keeper.

SUTTON'S CHAMPION. Round, big yielder, yellow flesh. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

BREADSTONE. Medium size, white roots. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

CARTER'S IMPERIAL. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

SKIRVING'S. Large yellow. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

EARLY PURPLE TOP STRAP-LEAVED

Purple Top Strap-Leaved. Is a table variety, fine, tender and deliciously flavored. It is a week later than "White Milan." It is broad shaped, medium size, white flesh, fine grained, splendid quality. Top is dark red or purple, elsewhere white, has few leaves, upright in growth, fine keeper.
Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c; 5 lbs., $3.00 (by express).

VAUGHAN'S IMPROVED AMERICAN PURPLE TOP RUTABAGA

SWEDES AND RUTABAGAS—for Stock

Monarch. A stock crop for early feeding, oblong shape, yellow flesh, fine grain, good flavor, superior in quality and weight. Produces 5 to 7 tons per acre more than any other Swede.
Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

Rhode Island Rock. Great improvement on White French Turnip made after years of selection by a Rhode Island market gardener. Three weeks earlier than any turnip of its class; can be planted later to follow peas, corn, beets, etc. Very hardy, solid pure white flesh, fine grained, brittle and sweet. Excels as a keeper.
Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 80c.

LARGE FIELD TURNIPS—for Stock

WHITE EGG. Quick growing, egg-shaped, perfectly smooth, pure white variety, grows half way out of ground with small tops and rough leaves; never has rank, strong taste, but the sweet, firm flesh is always mild, rich and fine flavored. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

LARGE WHITE NORFOLK. Globular, late, solid. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

COW HORN or LONG WHITE. Grows nearly half way out of the ground, carrot-shape, usually slightly bent; pure white. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

POMERANIAN WHITE GLOBE. Large, good both for table and stock. Pkt. 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

YELLOW ABERDEEN. Large globe-shaped table and stock variety. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

VAUGHAN'S MAMMOTH LONG RED MANGEL

Mangels and Carrots for Stock

ROOT crops are a great necessity for all kinds of stock, and fowl too; root feeding not only gives high-class tissue-building substance to the body, but acts also as a tonic, keeping in healthy condition the digestive organs and maintaining general good health. As a body-builder, root crops should be consistently and regularly fed to all stock; where such is done, results will show not only in the healthful appearance and physical fitness of the stock, but also in their profit-making increase of weight, and in dairy animals, enriched milk. The following succession in spring will furnish succulent feed from September to April; Turnips, Rutabagas, Mangels, the latter not being in condition to use before January. Roots should be chopped or sliced and fed with other forage. For horses carrots are esteemed best and are fed alternately with oats.

Barres Sludstrup. Holds the world's record for dry matter content. This Mangel has been awarded the first-class certificates several times by the Danish Government, the highest honor in Denmark, where Mangels are as important as corn is here. Sludstrup is a long, reddish yellow, ovoid root, growing more than half above ground. Easily harvested, and by actual test far excels any other variety in weight and in the feeding value of the yield. Our seed is from the best Danish growers. Oz., 10c; ¼ lb., 20c; lb., 70c; 5 lbs., $2.75.

GIANT YELLOW ECKENDORF. One of the most popular European varieties; contains a large amount of nutritive matter; it is also a remarkably heavy yielder. The great yellow roots, cylindrical in form, weigh 15 to 20 pounds each; the greater portion grows above ground. Easily harvested. Oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., $2.50.

GOLDEN TANKARD. Smooth, yellow flesh, small yellow-stemmed top, length 11 inches, diameter 4 inches, shape cylindrical. Very nutritious. Oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., $2.50.

GIANT YELLOW INTERMEDIATE. Between the long and globe sorts in shape, skin yellow, flesh white with yellow zones. Better than longer kinds for shallow soils. Oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., $2.50.

CHAMPION YELLOW GLOBE. Skin a rich yellow, flesh white and solid; grows two-thirds above ground hence the best for shallow soils. Good keeper. Oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., $2.50.

GIANT ROSE HALF SUGAR. Combines best qualities of Sugar Beets and Mangels. About the same shape as Long Red, but has white skin and flesh. Highly nutritious and a big producer. Oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., $2.50.

SUGAR BEETS—Fine for Stock

The kinds offered below are grown from roots the test analysis of which showed high sugar content. Prices of the following: Oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., $2.50.

VILMORIN'S IMPERIAL. Improved French variety; large, thick at shoulder, tapering below; yields nearly as much as the Mangels.

KLEIN-WANZLEBEN. Wedge-shape, tapering to long tail.

LANE'S IMPROVED. Heavy yielder; flesh snow-white.

FRENCH RED TOP SUGAR. Famous in France for percentage of sugar.

Vaughan's Mammoth Long Red. Largest and heaviest cropper of long red sorts; yields up to 40 tons per acre on well prepared land. Dark foliage, bright red skin and white flesh veined with pink. Grows well up above the ground. Oz., 10c; ¼ lb., 20c; lb., 60c, prepaid; 5 lbs., by express, $2.50.

CARROTS FOR STOCK—Best for Horses

Carrots are very valuable for all kinds of domestic animals and best for horses. When fed alternately with oats to work-teams on the farm, the value of Carrots is equal to the Oats they displace.

Mastodon or White Intermediate. Heaviest cropping Carrot. Roots short, white, very heavy at shoulder, easy to harvest without breaking. One of the most profitable sorts. Oz., 10c; ¼ lb., 30c; lb., 85c; 5 lbs., $3.75.

VAUGHAN'S HALF LONG DANVERS. Another broad-shoulder variety. Stump rooted and a wonderful producer. Oz., 15c; ¼ lb., 40c; lb., $1.25; 5 lbs., $5.00.

LONG ORANGE BELGIAN. Good heavy cropper for light soils where roots can be easily dug. Exceptionally fine keeper. Oz., 15c; ¼ lb., 35c; lb., 90c; 5 lbs., $4.00.

IMPROVED LONG ORANGE. Extra good yielder. Roots long, tapering from shoulder to a point. Largely grown for stock, good table variety. Oz., 15c; ¼ lb., 40c; lb., $1.25; 5 lbs., $5.00.

LONG WHITE BELGIAN. Similar to Long Orange except in color. Oz., 15c; ¼ lb., 30c; lb., 85c; 5 lbs., $3.75.

OKRA

OKRA is grown widely in the South for its pods which are used in soups, stews and salads. It is a hot weather plant, but can be grown in the North It is grown much like corn, the plants being started indoors in paper pots in the North. The rows should be 3 feet apart and the plants 1 to 3 feet in the row. The pods should be gathered each day from the time they begin to set and always while still tender and pulpy, which will be in a day or two after the blossom fades.

White Velvet. Produces pods larger than any other. They are never prickly to the touch, always round and smooth, while in other varieties they are either ridged or square-holed. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.00.

TALL OR PERKINS MAMMOTH. The long pods measuring 4 and 5 inches are produced in great quantities. Handsome green color and best quality. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.00.

DWARF. Grows low but stocky and is very productive. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., $1.00.

Other rare and less planted Vegetables are to be found on Pages 18 and 19.

Perkins' Mammoth or Tall

OKRA

Mushroom Spawn

TO GROW a crop of Mushrooms in your own basement cellar or well-built outbuilding—is a home gardening effort worth making. While these are quickly salable, we are sure most of our readers would insist on eating their own crops! The location of the beds must be one where a temperature of 55 degrees to 65 degrees can be kept during cold weather. A barrel may be used in which to confine the manure for growing. We print and give FREE with orders for our Mushroom Spawn, a leaflet, "How to Grow Mushrooms." We supply the highest quality of Mushroom Spawn to the largest commercial "caves" in the country, both from our Chicago and New York stores.

LAMBERT'S NEW PROCESS SPORE CULTURE SPAWN. In this new Spore Culture spawn which has been developed in France and is now produced in America, a more vigorous and a more prolific spawn is claimed. Not only that, but types have been more definitely fixed and absolute uniformity secured. Price, Brick (weight 1 lb.), 35c; 5 bricks, $1.50; 10 bricks, $2.75; 25 bricks, $5.50; 100 bricks, $20.00.

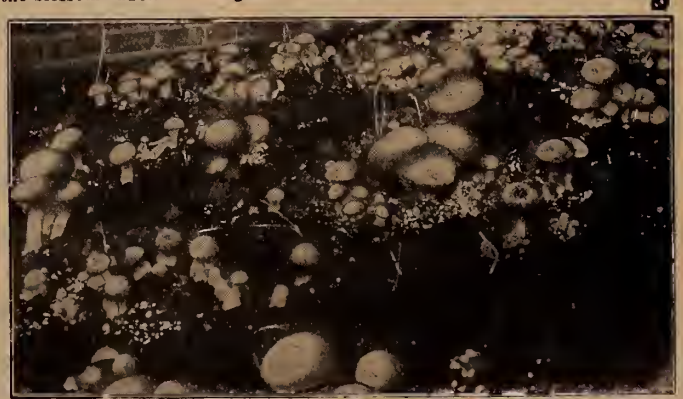
No. 7 BROWN (Bohemian). A good producer of heavy mushrooms.

No. 8 CREAM WHITE. A mammoth strain.

No. 9 WHITE (Alaska). Popular market variety.

BOTTLE SPAWN for Commercial Growers. Write for prices and information.

ENGLISH MUSHROOM SPAWN. Our English Mushroom Spawn manufacturer is the oldest established and most extensive grower in the world. The superiority of this over all other importations is well known by experienced mushroom growers. We are the largest importers in the U. S., receiving 8 to 12 shipments annually; this spawn is carefully made from perfectly grown specimens. It comes in the form of pressed bricks. Prices (weight per brick, about 1 lb.), brick, 25c; 2 bricks, 40c; 8 bricks, $1.40; 25 bricks, $3.25; 100 bricks, $12.00; if shipped from New York, per 100 bricks, $11.50.



THE PRODUCT OF LAMBERT'S NEW PROCESS "SPORE CULTURE" SPAWN

Vaughan's Vegetable Plants

SEEDLING TRANSPLANT POT PLANT

The above illustration shows the bushy, vigorous growth of a Tomato pot plant compared with a Transplant and Seedling of the same height.

PEPPER. Ready about May 15th.

Sweet Mountain, Vaughan's Magnum Dulce and Cayenne.	Prepaid Prices Doz.	100	Not Prepaid Doz.	100
Transplanted Plants	$0.40	$2.50	$0.35	$2.25
From 2-inch pots. By express only.			.75	5.00

TOMATO. Ready about May 15th.

Improved New Stone, Ponderosa, John Baer and Golden Ponderosa.				
Transplanted Plants	.35	2.15	.30	2.00
From 2-inch pots. By express only.			.65	4.50

SWEET POTATOES. Ready about May 20th.

Yellow Jersey, Red Jersey. 100 for **$1.50**, prepaid; 250 for **$2.50**; 500 for **$4.50**; 1000 for **$8.00**. By express at buyer's expense.

NOTICE—Although we exercise the greatest care in the packing and dispatch of Vegetable Plants, **we cannot guarantee safe arrival.** Our responsibility ends on delivery to P. O. or Express Office.
No Plants sent C. O. D. and no Pot Plants sent by Mail.

Please Note: Pot Plants **cannot be sent by Mail.**
Transplanted plants **cannot be supplied from New York.**

WITH our extensive greenhouses and frames at Western Springs, Ill., we are able to grow plants in large quantities and of superior quality. Besides which we make emergency contracts for an additional supply to guard against accident to our own crops. **Note dates** at which we ship the different kinds of plants. Please make shipping date on your order to correspond with these and kindly make out your vegetable plant order on a separate sheet. **For Southern customers** we make slightly earlier shipments.

Our specialty POT-GROWN PLANTS, carefully grown and hardened off. **We pack carefully for express shipments only.**

CABBAGE.

	Prepaid Prices Doz.	100	Not Prepaid Doz.	100
Early Sorts. Jersey Wakefield, All Head, American Savoy.				
Ready about April 20th. Transplanted Plants	$0.35	$2.15	$0.30	$2.00
Late Sorts. Premium Flat Dutch, Danish Ballhead.				
Ready in May and June. Transplanted Plants	.35	2.15	.30	2.00
Red Cabbage. Transplanted Plants	.35	2.15	.30	2.00

CAULIFLOWER. Ready in April.

Vaughan's New Snowball. Transplanted Plants	.40	2.50	.35	2.25

CELERY. Ready June 15th.

Early Varieties. White Plume, Golden Self-Blanching.

Late Variety. Easy Blanching.

Strong Plants, 3 kinds, prepaid. Doz., **25c**; 100 for **$1.50.**
Not Prepaid: 100 for **$1.20**; 250 for **$3.00**; 500 for **$5.50**; 1000 for **$10.00.**

EGG PLANT. Ready about May 15th.

Black Beauty and New York Purple Improved.
From 2-inch pots. By express only. .... .75 5.00

Herbs

For flavoring soups, meats, etc., a few pot and sweet herbs are necessary for every garden. If they are to be used during the winter, the stalks should be cut on a dry day, when not quite in full bloom.

Herbs should be gathered and dried quickly in the shade, then packed closely in boxes away from the action of the elements.
Varieties preceded by an (*) are perennials.

ANISE. Used for garnishing, seasoning and for cordials. Pkt., **10c**; oz., **35c.**

***BALM.** Used for making Balm wine and tea. Pkt., **10c**; oz., **35c.**

BASIL, Sweet. The leaves are used for flavoring soups, stews and highly seasoned dishes. Pkt., **10c**; oz., **25c.**

BENE. The leaves immersed in water make a drink very beneficial in cases of dysentery. Pkt., **10c**; oz., **35c.**

BORAGE. Flowers excellent for bees. Leaves used in salads. The flower spikes can be used in cooling drinks. Pkt., **10c**; oz., **25c.**

CARAWAY. Seeds are used for flavoring. Pkt., **10c**; oz., **20c.**

CATNIP OR CATMINT. Grown for bees, also for seasoning. Pkt., **15c**; ½ oz., **50c.**

CHAMOMILE (MATRICARIA CHAMOMILLA). The dried flowers possess medicinal qualities. Prescribed as an emetic and vermifuge. Pkt., **10c**; ½ oz., **35c.**

***CHIVES SEED.** Used for seasoning. Pkt., **10c**; ½ oz., **40c**; oz., **75c.** **Plants,** 3 for **65c**; doz., **$2.00**; 100, **$12.00.**

CORIANDER The seeds are used for flavoring. Pkt., **10**; oz., **15c.**

DILL. Leaves are used in pickles and for flavoring soups and sauces. Pkt., **10c**; oz., **15c**; ¼ lb., **30c**; lb., **90c.**

FENNEL, Florence. An excellent legume with agreeable aromatic flavor, sweet taste and a delicate odor. Very distinct from Sweet Fennel. Height of plant, 2 ft. Directions for culture and use given with each order. Pkt., **10c**; oz., **25c**; ¼ lb., **75c.**

***FENNEL, Sweet.** The leaves boiled are used in fish sauces and are beautiful for garnishing. The seeds are used for flavoring. Pkt., **10c**; oz., **25c.**

***HENBANE.** The growing plants are said to absorb malaria germs. Pkt., **10c**; oz., **60c.**

***HOREHOUND.** The leaves are used for flavoring and also in the manufacture of cough remedies. Pkt., **10c**; oz., **50c.**

HYSSOP. The tops and flowers are used for Hyssop tea. Pkt., **10c**; oz., **30c.**

***LAVENDER.** The leaves are sometimes used for seasoning, but the plant is chiefly grown for its flowers, which are used in making perfumes. Two kinds.

Lavender (Lavandula vera). True Lavender. Pkt., **10c**; oz., **75c.** **Plants,** 3 for **85c**; doz., **$3.00**; 100, **$15.00.**

Lavender (Lavandula spica). Not quite so strong as above. Pkt., **10c**; oz., **25c**; ¼ lb., **75c.**

MARJORAM (Sweet). The leaves and the end of the shoots are used for flavoring in summer and they are also dried for winter use. Pkt., **10c**; oz., **50c.**

MINT. For mint sauce and juleps Strong pot plants. Price, 3 for **65c**; doz., **$2.50.**
By mail, add **5c** each; doz., **20c.**

PENNYROYAL. Leaves are used for seasoning. It also has medicinal properties. Pkt., **10c**; ½ oz., **50c.**

PEPPERMINT. The leaves and stems are used for flavoring, but particularly for the distillation of the essence of peppermint. Pkt., **25c.**

PIMPINELLA (Burnet). The young leaves are used as salad; their flavor resembles cucumbers. Pkt., **10c**; oz., **30c.**

ROSEMARY. The leaves are used for seasoning. Pkt., **10c**; ½ oz., **25c.**

***RUE.** For medical purposes; good for roup in fowls. Pkt., **10c**; oz., **60c.**

SAFFRON. Used for coloring and for flavoring. Pkt., **10c**; oz., **25c.**

SAGE (Holt's Mammoth). The plants are of strong growth, attain a height of 1 ft. the first season and spread so that a single plant covers a space 3 ft. in diameter; are perfectly hardy and make a still larger growth the second season. **Plants,** 3 for **65c**; 12 for **$2.50**; 100, **$12.00.** By mail, add **5c** each; doz., **20c.**

SAGE SEED. Leaves and tops are used for seasoning and stuffing. Pkt., **10c**; ½ oz., **30c**; oz., **50c.**

SUMMER SAVORY. The leaves and young shoots are used for flavoring, especially for boiled string-beans. Pkt., **10c**; oz., **30c.**

WINTER SAVORY. Leaves for seasoning. Pkt., **10c**; ½ oz., **30c**; oz., **50c.**

TAGETES LUCIDA. Possesses in its green parts almost exactly the true Tarragon flavor; of easiest culture. Pkt., **10c**; ½ oz., **20c**; oz., **35c.**

***TARRAGON (Artemisia Dracunculus).** The leaves, dried or fresh, are steeped in ordinary vinegar. Plants only. **Plants,** 3 for **85c**; doz., **$2.50.** By mail, add **5c** each; doz., **20c.**

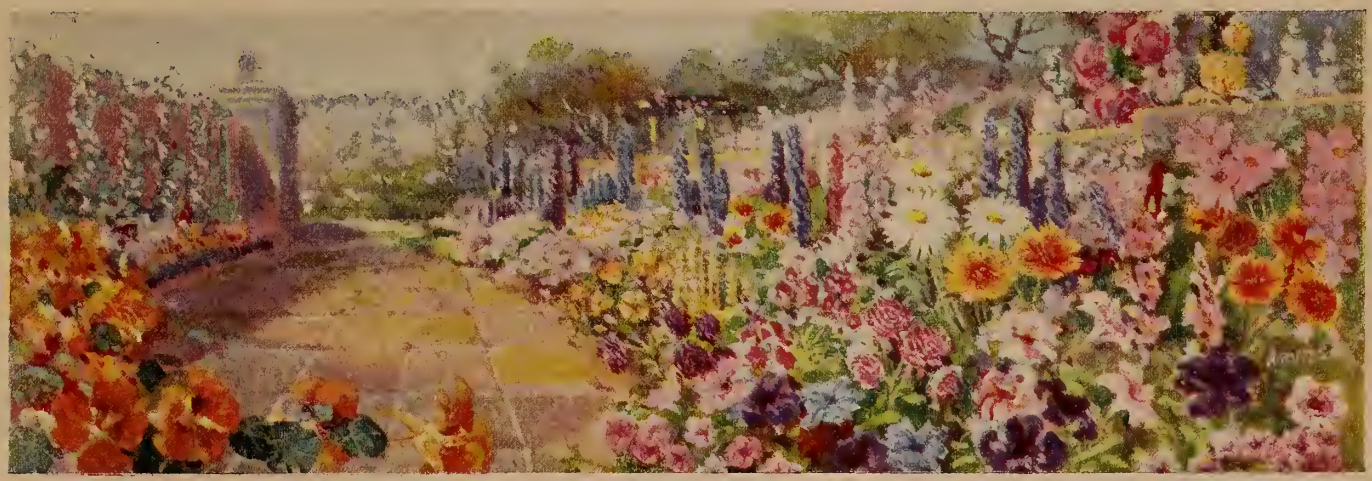
THYME. Used for seasoning; a tea is also made for nervous headache. Pkt., **10c**; ½ oz., **30c**; oz., **60c.**

WOODRUFF or WALDMEISTER (Asperula odorata). Used in May Wine and also for perfuming clothes. Pkt., **10c.**

***WORMWOOD.** Beneficial for poultry; plant in your poultry yard. Pkt., **10c**; oz., **30c.**

SWEET MARJORAM (Marjoran, Marjolain)

Vaughan's Annual Flower Seeds



Surprise Garden Mixture

5848 This is not a mixture of wild flowers, but of garden annuals, with a few wild species added. It contains a large number of different kinds, all of them quite hardy and varieties that will grow with the least amount of care and produce quantities of flowers for a long period. Indeed, there are so many kinds appearing in endless succession that it is a continual surprise from the time the first plant begins to blossom. We recommend it for children's gardens, vacant lots and waste places. Oz. 25c; ¼ lb., 75c; lb., $2.60.

ANNUAL flowers are those which grow from seed, blossom, reproduce seed and die, having fulfilled their cycle of existence in one year. Because of the difference in culture they are listed in the following pages separately from the perennials, which live from year to year. But such separation in the catalog does not mean these classes of flowers need be separated in the garden. For the dictum accepted in some circles that annuals and perennials should not be grown together we have no sympathy. The choice of flowers for a bed or border should be made on no other basis than beauty, with due consideration to height, color and flowering season. And a succession of bloom in the border cannot be had at its best without annuals. These are at their height in July and August when perennials are scarce, and among them can be found flowers of a color, height and size to fit almost any need.

On the following pages will be found our complete list of annual flower seeds. Perennial flower seeds will be found on Pages 74 to 87 inclusive. For the sake of accuracy, flower seeds and plants are listed under their botanical names. The popular names, where these are well known, are given in parenthesis. So much confusion exists in the use of popular names that no other course is possible without inviting endless mistakes. The family name of each flower is printed in bold capitals, underscored, and beneath it, in smaller bold type, are listed the different varieties. This makes it very easy to find any variety desired.

Our Special Mixtures deserve particular attention. They are not composed of seed harvested from rogued plants or from plantings in mixed fields, but are made up by us from seed of named varieties. Thus a Special Mixture will contain specimens of the finest named varieties in a family.

At the same time the gardener will find his pleasure much increased if he buys named varieties of his favorite flowers, and plants them so he can identify the blossoms and recognize them when he encounters them elsewhere. In this list, we confidently believe, will be found all the finest varieties of annual flowers now available to American gardeners.

To distinguish with greater exactness the class to which each of the flowers which we grow as annuals belongs, the symbols shown in the box to the left, have been employed.

Key to Symbols

□ **Annuals.** These attain full growth from seed, flower and die first year.

⁂ **Biennials.** These grow from seed the first year, bloom and die the next, though some varieties bloom the first year.

ⓘ **Perennials.** Tender, grown as annuals.

÷ **Greenhouse Plants.** Start inside and cultivate in pots or else transplant outside when danger of frost is over.

\+ **Stove Plants.** To be grown inside all the year round for pots only.

= **Climbing Plants.**

A Little Book of Annuals, by Alfred C. Hottes, is an excellent manual of instruction and suggestion for those who wish to get the maximum effect from these delightful flowers. It is one of the "Little Book" series and describes in detail the technique of sowing, transplanting, watering and cultivating. Model garden layouts are given, and each family of annuals is discussed exhaustively. This book will be sent postpaid for $1.60.

Annuals for a Rock Garden. The Alpine plants are really the true rock plants, but many annuals are needed to complete a rock garden. So in answer to many inquiries we suggest the following varieties:

Abronia
Ageratum
Alyssum
Anagallis
Calandrinia Grandiflora
Leptosiphon
Nierembergia Gracilis
Nemophila Insignis
Portulaca
Phlox Dwarf
Sanvitalia Procumbens
Verbena Erinoides
Verbena Venosa
Zinnia Liliput
Zinnia Haageana

SPECIAL MIXTURE OF ANNUALS FOR CUT FLOWERS

1400 This will produce a glorious amount of flowers for cutting. We would suggest planting this in rows in the vegetable garden where the plants may be cultivated and the blossoms kept cut close so the production of flowers will be encouraged, as the more one cuts the more one has to cut. The secret being not to allow any seed pods to form. Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., $1.50; lb., $5.00.

ABRONIA

100 **Umbellata Grandiflora (Sand Verbena)** □ 6 in. A charming trailing succulent plant, with Verbena-like heads of fragrant flowers of bright rose with white center; it delights in a dry, poor soil and sunny situations on rockwork. Pkt., 10c.

ABRUS

110 **Precatorius (Crab's Eye Vine or Weather Plant)** ÷ = 12 ft. This beautiful plant has created a great sensation. Some believe the position of the leaves foretell weather changes. Bears clusters of bright yellow flowers, followed by pods with brilliant red seeds used for making chains, etc. Seeds should be soaked in lukewarm water before planting. Oz., 50c; pkt., 10c.

ABUTILON

120 **Mixed (Flowering Maple or Chinese Bell Flower)** ÷ 3 to 4 ft. As indispensable for the window or greenhouse as the Petunia is for the flower garden. Grows rapidly from seed, and is soon in bloom. Leaves very ornamental and often beautifully variegated. Lovely bell-shaped flowers, borne the year round and in all colors. Pkt., 15c.

Acroclinium Roseum Single Mixed

ACROCLINIUM

140 **Roseum** □ 2 ft. A pretty Everlasting, bearing graceful, daisy-like flowers, pretty, bright rose with yellow center, which, when cut in the bud state can be dried and used for winter bouquets. Pkt., 10c.

145 —**Flore Albo.** Graceful white, daisy-like flowers with yellow center. Pkt., 10c.

150 —**Flore Pleno.** Double pink. Pkt., 10c.

155 —**Flore Albo Pleno.** Double white. Pkt., 10c.

160 —**Single Mixed.** Pkt., 10c.

165 —**Double Mixed.** Pkt., 10c.

AGAPANTHUS

175 **Umbellatus** ÷ 1 ft. Bright blue flowers produced in clusters on long stems. Water freely. Pkt., 15c.

AGERATUM □

One of the best summer blooming plants grown from seed. They are rapid growers, early and constant bloomers. During the hot, dry summer months their bright flowers are produced in the greatest profusion.

180 **Mexicanum Coeruleum.** 18 in. Beautiful soft lavender-blue, of free branching habit. Pkt., 10c.

185 —**Album.** White. Pkt., 10c.

190 —**Mixed.** Pkt., 10c.

195 —**Nanum, Blue Perfection.** 9 in. The darkest Ageratum grown from seed. Pkt., 10c.

202 —**Imperial Dwarf Blue.** 6 in. A charming variety of fine, compact growth, covered with heads of feathery flowers of a deep lavender color. Pkt., 10c.

Ageratum Blue Perfection

AGERATUM—Continued

205 **Mexicanum Imperial Dwarf White.** Pkt., 10c.

215 —**Princess Victoria Louise.** 6 in. Bushy plants covered with sky-blue flowers with white centers. Pkt., 10c.

217 —**Tom Thumb Little Blue Star.** Flower opens light blue with purple center and develops to a bright blue self. Pkt., 15c.

220 **Lasseauxi.** 3 ft. Clusters of handsome rose-colored flowers. Pkt., 10c.

AGROSTEMMA

230 **Coeli (Rose of Heaven)** □ 1 ft. Remarkably pretty, hardy annual of light, graceful habit; flowers light rose, shaded white. This is an annual which should be sown in the vegetable garden (as you would radishes) at different intervals, and a continuous supply of lovely cut flowers can be had all summer. Pkt., 10c.

AGROSTIS

235 **Nebulosa (Cloud Grass)** □ 1½ ft. An airy and graceful annual grass; looks like a line of mist when in bloom. Beautiful to mix with cut flowers. Pkt., 10c.

ALONSOA

240 **Warseewiezi** □ 15 in. A fine plant with bright vermilion-scarlet flowers, suitable for bedding. Pkt., 10c.

AMMOBIUM

295 **Alatum Grandiflorum** □ 2½ ft. This pretty white Everlasting should be in every garden. Grows well in sandy soil. Pkt., 10c.

ANAGALLIS

305 **Grandiflora Mixed** □ 6 in. Lovely dwarf plants, exceedingly effective as edgings, also charming on rockwork and in pots. Pkt., 10c.

ANCHUSA

310 **Capensis (Summer Forget-me-not).** 2 ft. A hardy annual of more than ordinary beauty. It grows about two feet high, branching freely and bearing a profusion of the most lovely flowers similar in all respects to the Forget-me-not, though the blossoms are much larger and of finer color. It blooms early and continues all summer. Pkt., 10c.

ANTIGONON

315 **Leptopus (Mexican Mountain Rose)** = Handsome summer-blooming greenhouse climber, requiring abundance of light. In the South it blooms freely in the open. Flowers beautiful rose-pink. Pkt., 10c.

ARGEMONE

460 **Grandiflora (The Prickly Poppy)** □ 2 ft. Lovely plants with an ornamental foliage and large, handsome poppy-like flowers, snowy white, filled in the center with golden stamens, very beautiful. Pkt., 10c.

AMARANTHUS □

Brilliant foliage annuals, some of the varieties bearing curious racemes of flowers. All are useful in borders of tall plants. Do not grow them too closely together, but give them sufficient room to develop their full beauty. When flowered in small pots under glass they are very charming.

265 **Atro-purpureus.** 4 ft. Beautiful, dark purple flowers. Pkt., 10c.

267 **Caudatus (Love Lies Bleeding).** 3 ft. Drooping red spikes. Pkt., 10c.

269 **Cruentus (Prince's Feather).** 3 ft. Dark red feathery flowers. Pkt., 10c.

270 **Molten Fire.** The top leaves are a fiery crimson, the lower ones maroon. Pkt., 15c.

273 **Salicifolius (Fountain Plant).** 3 ft. Willow-leaved. Graceful red and yellow foliage of drooping habit. Pkt., 10c.

275 **Tricolor (Joseph's Coat).** 2½ ft. The inner foliage is of blackest bronze, tipped with green, while the outer foliage is bright scarlet and gold. Pkt., 10c.

285 **Vaughan's Special Mixture.** A well balanced mixture of the above and others. ¼ oz., 25c; pkt., 15c.

VAUGHAN'S SPECIAL

For a red, white and blue border plant Alonsoa for red, Sweet Alyssum for white and Ageratum Blue Perfection for blue.

Alyssum Vaughan's Little Gem

ALYSSUM □

250 **Benthami Maritimum (Sweet Alyssum).** This is one of the finest annuals we have for edging and is beloved by many on account of its modest blossoms. Flowers white and honey-scented. It begins to bloom early in the season, and continues until frost. Mix the seed with sand before sowing to prevent sowing too thickly. 1 lb., $2.25; ¼ lb., 60c; 2 ozs., 40c; 1 oz., 25c; ½ oz., 15c; pkt., 10c.

255 **Vaughan's Little Gem, Snow-white Carpet Plant.** The plants, which are only a few inches high, grow so dense and are so completely covered with snow-white blossoms they create the impression of a beautiful snow-white carpet. Our strain of this is unquestionably the best in the world, one plant like another, absolutely perfect. 1 oz., 80c; ½ oz., 40c; ¼ oz., 25c; ¼ lb., $2.60; 1 lb., $10.00; pkt., 10c.

260 **Compactum Lilacinum, Lilac Carpet Plant.** Distinct variety with delicate lavender flowers. Very dwarf. Pkt., 10c.

ARTEMISIA

470 **Saerorum Viridis (Summer Fir)** □ Ornamental foliage plant. It forms pyramidal bushes 3 to 5 ft. high. The foliage is a rich, dark green color. Pkt., 15c.

Please send your order in early; it helps you and helps us.

Amaranthus Tricolor (Joseph's Coat)

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kt., 15c.

for red, Sweet Alyssum for white and Ageratum
Blue Perfection for blue.

Ageratum Blue Perfection

Aster Heart of France

Vaughan's Asters

Asters, American Beauty Mixed

Tall Section—Continued

American Beauty (Early Flowering)

Attains a height of 2 to 3 feet of branching habit. Flowers large, borne on long, stout stems. Planted with Crego and Giant Branching will bloom at same time.

681 White. 684 Lavender.
682 Carmine-rose. 685 Purple.
683 Rose.
Each of the above, pkt., 15c.
686 Mixed, all colors. Pkt., 15c.

Crown

Large-flowered variety, each bloom of which has a clear white center. It is wonderfully attractive.
730 Mixed, all colors. Pkts., 10c.

Moreton Pink

781 Of the Giant Branching type, the large flowers are well formed and freely produced on long stems; color a beautiful clear pink with a salmon sheen. Pkt., 15c.

Giant Crego

The flowers are of immense size and borne on stems twelve inches or more in length. The petals are most attractively curled and twisted, resembling Chrysanthemums. The plants are of strong branching growth and usually attain a height of two and one-half feet. The delightful flowers are borne in abundance from late August until the end of September.

690 White. 699 Crimson.
693 Shell Pink. 703 Lavender.
696 Rose Pink. 709 Purple.
Each of the above, pkt., 10c.
715 Mixed, all colors. Pkt., 10c.

Aster Crego, Lavender

Vaughan's Giant Branching

Beautiful asters for cut flowers. Quite different in several respects from any other aster known. The branching habit is accompanied with great vigor of growth and profusion of bloom. The flowers are very large, very double, borne on long, stiff stems, and the colors clear and handsome.

735 White. 755 Mid Blue.
740 Peachblossom. 760 Lavender.
745 Flesh Pink. 765 Dark Violet.
747 Rose Pink. 770 Purple.
750 Crimson.
Each of the above, pkt., 10c.
780 Mixed, all colors. Pkt., 10c.

Vaughan's Giant Ostrich Feather

The finest type of the Giant Comet, or Ostrich Feather type of Aster. Much larger than the Giant Comet, the petals longer, more twisted, and produced in greater abundance. Borne on long stems, they make cut-flowers par excellence.

785 White. 800 Rose.
790 Soft Pink. 803 Crimson.
791 Terra Cotta. 806 Silvery Lilac.
792 Vermilion Carmine. 809 Light Blue.
812 Dark Blue.
Each of the above, pkt., 10c.
820 Mixed, all colors. Pkt., 10c.

Soleil D'Or

835 Golden Sun. This is the best yellow Aster. The quilled flowers are of fair size; they are borne on long stems; the color is a pleasing light yellow. Pkt., 15c.

Aster, The King

The King

In form the flower is entirely distinct from any other variety; petals somewhat resemble the quilled varieties, but are much larger and broader, those in the center being curled and incurved, completely covering the crown. In shape and size the bloom is round, full and very large.

840 White. 849 Crimson.
843 Pink. 852 Violet.
846 Rose. 856 Lavender.
Each of the above, pkt., 10c.
860 Mixed, all colors. Pkt., 10c.

Early Wonder

The best extra early variety. The flowers are of good size, quite double, and borne on good stiff stems.

825 White. 827 Light Blue.
826 Rose. 828 Dark Blue.
Each of the above, pkt., 10c.
829 Mixed, all colors. Pkt., 10c.

The Royal (Early Flowering Branching)

A new class of American Aster. Its habit of growth is entirely distinct, the stems growing directly from the ground and not on side-shoots from the main stem like other varieties. Medium early bloomer.

865 White. 875 Lavender.
868 Shell Pink. 879 Purple.
871 Rose Pink.
Each of the above, pkt., 10c.
882 Mixed, all colors. Pkt., 10c.

Asters, Giant Branching Mixed

Other New American Varieties

900 Ball's White. Flower is a sphere of pure white petals, borne on a long, stout stem, a mid-season variety. Pkt., 25c.

910 Lavender Gem. The flowers are of a true lavender shade and the petals are gracefully curled and twisted, and the blooms are borne on long, firm stems. Pkt., 15c.

920 Peerless Pink. The flowers are enormous, globular in shape, many five inches across, of a most delightful and pleasing rich shell-pink. Pkt., 15c.

925 Crimson Giant. This shade has been one which has seemed to lack intensity of color, but in this variety the blood-red blossom is particularly bright and the extreme doubleness of its flowers make a bed of them a mass of oriental splendor in a garden. Pkt., 15c.

930 White Perfection. A fine new mid-season Aster of tall, upright growth, long-stemmed, pure white double flowers about four inches in diameter, of perfect form, the broad, slightly folded petals being arranged in circular rows, like some Dahlias. Pkt., 15c.

940 Sensation. Flowers double and incurved, resembling a Dahlia and the flower a lively cardinal-red. The flowers are wonderfully attractive in the garden and when cut and used under artificial light the effect is charming. Pkt., 15c.

Aster Giant Ostrich Feather Mixed

ASTERS—Continued

Vaughan's Excelsior Mixture of Dwarf Asters

725 It is comprised of the most distinct and desirable colors of the different classes of dwarf asters, and many others not listed, especially selected for this mixture, insuring satisfaction to the grower. ⅛ oz., 50c; large pkt., 25c; pkt., 15c.

950 **Asters, Dwarf Mixture.** This is a mixture of many varieties of dwarf sorts and where a large mixed bed of asters is desired this will answer the purpose nicely. ⅛ oz., 25c; pkt., 10c.

Vaughan's Excelsior Mixture of Tall Asters

990 This is a mixture of the most beautiful, striking and distinct colors of all the tall-growing asters. Selected from the cream of the tall varieties and others especially purchased for this mixture. ⅛ oz., 50c; large pkt., 25c; pkt., 15c.

945 **Asters, Tall Mixture.** The newer kinds, such as our Excelsior mixture contains, are lacking, still many charming varieties are included in this, and the flowers will be in succession all season. 1 oz., 75c; ¼ oz., 25c; pkt., 10c.

Single Marguerite Aster

Plants strong, vigorous and of handsome pyramidal habit, very free-blooming and produce their beautiful flowers on long, slender stems. The flowers are from 2 to 3 inches in diameter, with small yellow centers, and last a week when cut.

955 White.
960 Dark Blue.
965 Pink.
970 Lavender.
975 Mauve.

Each of the above, pkt., 10c.

980 **Marechal Joffre.** A large flowered single red; excellent for cutting. Pkt., 15c.
985 **Mixed, all colors.** Pkt., 10c.

BRYONOPSIS

1165 **Laciniosa** □ = 10 ft. An ornamental climber of the gourd family, bearing green fruit which changes in color to bright scarlet-striped white. Pkt., 10c.

BRACHYCOME (Swan River Daisy) □

12 inches

A free-flowering, dwarf-growing annual; covered during the greater part of the summer with a profusion of pretty blue or white flowers, suitable for edgings, small beds or pot culture.

1140 White. 1143 Blue. 1146 Mixed. 1141 Pink. Each of the above, pkt., 10c.

Brachycome Mixed

DOUBLE BALSAM

1½ to 2 ft.

An old and favorite garden flower, producing its gorgeous masses of beautiful brilliant colored double flowers in the greatest profusion. Balsams like the hot sun, rich soil and plenty of water. For perfect development the plants should be set from 12 to 18 inches apart. Transplanting two or three times has the tendency to dwarf the plants into better shape and to make the flowers more double.

1010 **Alba Perfecta.** Pure white.
1012 **Atrosanguinea Plena.** Double Blood-Red.
1014 **Crimson.**
1016 **Crimson Spotted.**
1018 **Dark Blue.**
1020 **Flesh Pink.**
1022 **Lemon Queen.**
1025 **Lilac.**
1027 **Prince Bismarck.** Salmon-pink.
1031 **The King.** Brilliant scarlet.
1033 **The Queen.** Pale rose.

Each of the above, pkt., 10c.

1040 **Double Rose and Camellia-flowered Mixed.** Pkt., 10c.
1050 **Dwarf Balsams Mixed.** 8 in. Perfect little bushes with double and semi-double flowers. The colors are pretty and pleasing. Pkt., 10c.
1055 **Goliath White.** 4 ft. Remarkable for their immense height and extreme doubleness. Excellent for large and striking flower groups. Pkt., 10c.
1057 **Goliath Scarlet.** Extremely brilliant, large and very double. Pkt., 10c.
1059 **Goliath Chamois Rose.** A most pleasing color; new. Pkt., 10c.
1045 **Vaughan's Invincible Balsams Mixed.** Mixed from separate colors and includes everything that is desirable in Balsams. Pkt., 15c.

Balsam Vaughan's Invincible Mixed

Briza Maxima

BRIZA

1150 **Maxima (Quaking Grass)** □ 12 in. Valuable for winter bouquets and wreaths. The seed clusters are heart-shaped and gracefully poised on such slender stems that they are almost constantly in motion. Pkt., 10c.

BURNING BUSH—See Kochia

BEGONIA

Ever-Blooming Bedding Varieties

A continuous flowering section of begonias of the greatest value for bedding; the flowers, although small, are of brilliant colors and borne in great profusion from summer to autumn. Seedlings of spring bloom in summer while seedlings of summer make valuable decorative plants for the house during winter.

1075 **Erfordia.** Handsome flowers of a delicate rose color. Pkt., 20c.
1078 **Gracilis Luminosa.** Large, bright scarlet flowers. Pkt., 25c.
1081 **Gracilis Prima Donna.** 1 ft. The flowers are a brilliant, clear pink, shading to carmine-rose. Pkt., 25c.
1084 **Semperflorens Atro-purpurea Vernon.** Bright orange-carmine flowers, deep-red foliage. Pkt., 10c.
090 **Semperflorens Mixed.** Pkt., 10c.
1093 **Melanie.** The color is white, beautifully edged with pink. Pkt., 25c.

Tuberous-Rooted Begonias

For brilliancy of color, duration and profusion of bloom, few plants can compare with the tuberous-rooted begonias. For greenhouses and for summer bedding they are unequaled. Seedlings raised in heat early in spring will flower the same summer.

BEGONIA—Continued

1099 **Single Tuberous-Rooted Mixed.** Saved from finest exhibition varieties, all having large, well-formed flowers of many brilliant shades of color. Pkt., 35c.
1100 **Tuberous Rooted, Narcissus Flowered.** Resemble the flowers of the large Trumpet Narcissus. Comes in various colors of scarlet and carmine, light and dark yellow, orange, buff, rosy white, and many new tints of rose from light to dark. Pkt., 50c.
1101 **Lloydii.** This variety is excellent for hanging baskets or window boxes, owing to its drooping habit. The flowers are pendulous, double in form, and in various shades of rose and carmine. Pkt., 50c.
1103 **Double Tuberous-Rooted Mixed.** Producing on strong, erect stems an abundance of very double flowers, ranging from brilliant rose to carmine, often with white margin or mottling. Very striking. Pkt., 50c.
1105 **Frilled Tuberous-Rooted.** Seed saved from selected, best frilled flowers. Pkt., 35c.

BROWALLIA □ 1 ft.

One of our favorite profuse blooming bedding plants, covered with rich, beautiful winged flowers during the summer and autumn months, supplying a shade of intense blue, very uncommon; grows freely in any rich soil; blooms finely in the winter if lifted in autumn and cut back.

1155 **Speciosa Major.** A beautiful flowering variety of the most brilliant ultramarine blue; a rare color; does finely outside in the border or in hanging baskets or in vases. Pkt., 15c.
1160 **Elata Mixed.** Blue and White. Pkt., 10c.

Browallia Speciosa Major

Calendula Orange King

CALENDULA (Pot Marigold) ☐ 1 ft.

One of the best and showiest free-flowering hardy annuals, growing in any good garden soil, producing a fine effect, in beds or mixed borders, particularly bright in late fall, continuing in bloom from early summer until killed by frost; valuable also for pot culture, blooming freely in winter and early spring.

1190 **Orange King.** The outer petals are slightly imbricated, while those of the center are curved like those of the peony. Color glowing orange. Pkt., 10c.

1191 **The Ball.** It has fine stems, immense double flower of a brilliant glisteny orange. A great favorite on the Chicago Cut-Flower Market. Pkt., 25c.

1193 **Sulphur Queen.** Large sulphur-yellow. Pkt., 10c.

1196 **Meteor.** Apricot-orange, striped primrose. Pkt., 10c.

1197 **Pongei Flore Pleno.** Double white flowers. Pkt., 10c.

1198 **Apricot.** A charming and delightful shade, soft yellow with a suggestion of salmon-pink. Pkt., 10c.

1205 **Mixed, all colors.** For woodlands, wild gardens and perennial borders. Pkt., 10c; oz., 40c.

CALIFORNIA POPPY—See Escholtzia

CACALIA ☐ 2 ft.

Each flower is a miniature paint brush of orange-scarlet produced on long wiry stems which make it an excellent cut flower. An old but little known annual for the border worth trying.

1170 **Tassel Flower or Flora's Paint Brush.** Scarlet and orange mixed. Pkt., 10c.

Calendula Mixed

CANNA ÷ 2½ to 8 ft.

Enormous brilliant clusters of bloom borne on spikes above broad leaves of green or bronze, in tropical effect. No park, no public garden, private estate, or even moderate town plot is complete in summer without a showing of Cannas. These are usually planted from roots or started plants, but they can be successfully grown from seed if planted early. The seed should be pierced in one spot with a file and soaked in lukewarm water for 24 hours before sowing. A splendid lot of plants may be produced at a much reduced cost.

1310 **Giant Flowered, Mixed.** Pkt., 10c.

See also Novelties.

For Canna plants, see Page 102.

CALCEOLARIA

1180 **Hybrida Grandiflora (Pouchflower). Fine Mixed.** + 1½ ft. The gorgeous beauty of these flowers renders them indispensable for greenhouse decoration. It is not of easy culture, but a very desirable flower. Bears a large profusion of small, pocket-shaped flowers, many of which are beautifully tigered or spotted. Pkt., 300 seeds, 25c.

1181 **Hybrida Grandiflora Graciosa Mixed.** A type with very large self-colors of a great variety of colors, especially in the yellow shades. Sow seeds in the spring for blooming in greenhouse next winter. Pkt., 50c.

1185 **Rugosa, Mixed.** Includes nearly all the beautiful shades found in the Herbaceous Calceolaria. Pkt., 25c.

Calliopsis Vaughan's Special Mixture

CALLIOPSIS (Tickseed) 6 in. to 2 ft.

Very graceful border plants, supplying throughout summer an abundance of elegant showy flowers which are greatly prized for bouquets and vases. They will thrive anywhere, even in city gardens, where their bright colors are highly appreciated.

1210 **Crown of Gold (Coronata Maxima).** Splendid cut flower. Pure golden-yellow, 2 inches across, on long, wiry stems; hardy and blooms nearly all season. Pkt., 10c.

1213 **Golden Ray.** 6 to 8 in. Flowers golden-yellow with dark, purplish-brown center. Pkt., 10c.

1216 **Drummondi, Golden Wave.** 2 ft. Flowers yellow with a circle of rich crimson-brown around the eye. Pkt., 10c.

1219 **Hybrida Superba.** Forms dense bushes desirable for pots, groups and borders. Pkt., 10c.

1221 **Radiata Tigrinia (Tiger Flower).** 6 to 8 in. Flowers large reddish-brown, turning golden-yellow. Pkt., 10c.

1235 **Dwarf Varieties, Mixed.** Valuable for small mixed beds and borders. Pkt., 10c.

1240 **Double Mixed, all colors.** Pkt., 10c.

1245 **Vaughan's Special Mixture Calliopsis.** This is the most pleasing mixture offered. It contains all the desirable sorts and colors of these beautiful flowers. A great number of kinds have been especially selected for it. ½ oz., 30c; pkt., 10c.

VAUGHAN'S SPECIAL

Candytuft Giant Hyacinth-Flowered White

CANDYTUFT ☐

These Candytufts are of fine habit and profuse bloomers. They soon flower from seed and remain long in beauty. For massing in flower beds and borders and for edgings they are admirably adapted, while for cutting, the flowers are greatly prized.

1260 **Giant Hyacinth-Flowered White.** 1 ft. A grand border plant, bearing very large, bold spikes of snowy white flowers, habit sturdy and compact. This is an especially select stock. Oz., 85c; ¼ oz., 25c; pkt., 10c.

1270 **Queen of Italy.** 8 in. The plants form dwarf bushes covered with large pink blooms. Pkt., 10c.

1273 **Snowflake.** The very sweetest of all. May be planted in fall as ground cover for tulip beds. Pkt., 10c.

1276 **Carminea.** Carmine. Pkt., 10c.

1279 **Purpurea.** Crimson. Pkt., 10c.

1282 **Rose Pink.** Brilliant deep rose-red; one of the most effective for bedding. Pkt., 10c.

1286 **Lilacina.** Lilac. A particularly charming color. Pkt., 10c.

1290 **Dwarf Hybrids Mixed.** Plants of fine, compact growth, covered with large flowers ranging in color from rose, salmon, coral-pink and delicate blush to lilac and purple-crimson. Pkt., 10c.

1300 **Mixed, all colors.** ½ oz., 15c; pkt., 10c.

CALANDRINIA

1175 **Grandiflora.** Handsome, hardy annual; fleshy leaves and bright rose-colored flowers; especially suitable for sunny situations. Pkt., 10c.

1177 **Umbellata.** Hardy perennial of trailing habit, producing brilliant, crimson flowers. Excellent for rockwork and sunny situations. Blooms the first season. Pkt., 10c.

Candytuft Mixed

Canary Bird Vine

CANARY BIRD VINE ☐ = 15 to 20 ft.

1250 A dainty vine with beautiful cut leaves and pretty, delicate flowers of a clear canary-yellow. From the color of its blossoms and also from a fancied resemblance of their shape to a bird with wings extended, the plant obtained its common name. Does well in the shade. Oz., 50c; pkt., 10c.

CARDINAL CLIMBER ☐ = 25 ft.

1320 This is a very attractive, strong and rapid grower, attaining a height of 25 feet, with beautiful fern-like laciniated foliage and literally covered with a blaze of fiery cardinal-red flowers from midsummer to frost. The flowers are about 1 inch in diameter and are borne in clusters five to seven blooms each. Like all Ipomoeas it delights in a warm, sunny situation and good, rich soil. The seed should be soaked in water a few hours before sowing and not planted outside until about May 1st. 2 pkts., 25c; 5 pkts., 50c; pkt., 25 seeds, 15c.

CARNATIONS ☐ ⁂

The Carnation has long been prized as a hardy border flower. Being hardy, free-flowering, and easily grown either in flower-beds, borders, or pots, it is one of the most valuable and beautiful of our summer flowers and a favorite with every one. Plants raised from seed bloom more profusely than propagated plants, and are therefore to be preferred.

1335 **American Hybrids.** A valuable race of large-flowered carnations, bearing their handsome blooms on long wiry stems for a long time in succession. Pkt., 35 seeds, 25c.

Carnation Vaughan's Special Mixture

CARNATIONS—Continued

1345 **Guillaud Riviera Market.** Nearly all double flowers of fine form and delicate shades, including yellow. Pkt., 25c.

1350 **Giant Margaret Mixed.** Flowers of very large size, measuring 3 in. or more in diameter; colors include all the shades of white, pink, crimson and striped. Upright growth requiring hardly any support. Pkt., 100 seeds, 15c.

1355 **Giant Margaret White.** Pkt., 50 seeds, 15c.

1360 **Margaret, Double Mixed.** Pkt., 10c.

1365 White. 1380 Striped.
1370 Yellow. 1385 Red.
1375 Pink.

Each of the above, pkt., 10c.

1390 **Vaughan's Special Mixture.** This is a mixture of the best strains. The plants will bloom the first summer and will produce many flowers equal to the best florist's Carnation. They may be lifted in September, potted and will bloom all winter in the house. Pkt., 100 seeds, 25c.

See Novelties.

We put this symbol on strains of seed we control. We monopolize them because of their merit. Select these special strains when ordering and you will be repaid.

Cardinal Climber

CELOSIA (Coxcomb) ☐ 8 in.

Cristata or Crested Dwarf Sorts

Very popular annuals of easy culture, producing large, ornamental, comb-like heads like ruffled chenille. Prized for pots or summer flower beds.

1410 **President Thiers.** Fine dwarf habit, with bronzy foliage, and large handsome velvety crimson combs. Pkt., 10c.

1415 **Empress.** Blood-red combs and brown foliage. Pkt., 10c.

1420 **Aurea.** Golden-yellow combs. Pkt., 10c.

1425 **Rosea.** Pink combs. Pkt., 10c.

1430 **Dwarf Mixed.** Pkt., 10c.

1435 **Tall Coxcomb Mixed,** 18 to 24 in. Pkt., 10c.

Plumosa or Plumed Varieties 2½ to 3 ft.

These stately plants are considered among the most ornamental, and should not be omitted in any garden. They generally form pyramidal bushes branching out in candelabra shape, and the numerous massive plumes which resemble ostrich feathers, wave gracefully above the foliage.

1440 **Plumosa Aurea.** Orange Ostrich Plume. Pkt., 10c.

1445 **Plumosa Coccinea.** Crimson Ostrich Plume. Pkt., 10c.

1450 **Plumosa Mixed,** all colors. Pkt., 10c.

1455 **Plumosa Thompsoni Magnifica.** A choice strain of the Ostrich Plume Celosias. Pkt., 10c.

Celosia Childsii—Crimson

CELOSIA—Continued

1465 **The Chinese Woolflower (Celosia Childsii).** Plants grow two to three feet high, the bloom starting early with a central head, round and globular. Scores of branches are thrown out, each bearing a ball of scarlet wool. All these branches support numerous laterals with small heads of bloom mixed with fresh green foliage, so that a plant looks like an immense bouquet splendidly arranged and set in the ground. None of the blooms fade until hit by frost; but all continue to expand and glow with a deepening richness of color, a dark crimson-scarlet. Pkt., 15c.

1466 **Chinese Woolflower Deep Rose.** This variety is exactly like the original Chinese Woolflower, only the color is a deep rose instead of scarlet. Pkt., 15c.

1460 **Pride of Castle Gould.** Plants grow compact and pyramidal and produce immense flower heads, resembling willow plumes in many remarkable shades. Pkt., 25c.

1470 **Spicata.** Plants are erect and grow 3 feet in height, branching freely, each stem terminating in a round, slender pointed spike of bloom, 3 to 4 inches in length and one-half inch in diameter. The flowers at first are a soft bright rose, changing to silver-white, so that a fully developed spike resembles a slender silver plume with a bright carmine tip. Pkt., 10c.

1475 **Dwarf Plumosa Mixed.** Good for pots. Pkt., 10c.

Have you tried Fall Planting of annual flower seeds? It is very interesting and one secures earlier flowers. See page 73.

Carnation Giant Margaret Mixed

Centaurea Cyanus Vaughan's Special Mixture

CENTAUREA CYANUS (Bachelor's Button or Cornflower) □ 2 ft.

It is not a pretentious plant but will always charm by its simple beauty. Re-seeds itself and may be used for naturalizing purposes.

Single Flowering

1495 **Mixed, all colors.** ½ oz., 15c; pkt., 10c.
1525 **Dwarf Victoria.** 9 in. Edging, blue. Pkt., 10c.

Double Flowering Varieties

1500 **Pure White.**
1505 **Blue.**
1510 **Pink and Rose Shades.**
1511 **Mauve.**
1515 **Purple.**
1520 **Double Mixed.**
Each of the above, pkt., 10c.

1535 **Vaughan's Special Mixture of Bachelor's Buttons,** double and single varieties. 1 oz., 60c; pkt., 10c.

Imperialis (Giant Sweet Sultan) 2½ ft.

This beautiful class is undoubtedly the finest of all Sweet Sultans for cut flower purposes. The beautiful sweet scented, artistic shaped flowers are borne on long, strong stems; when cut will last for several days in good condition.

1540 **White.**
1545 **Lilacina.** Dark lilac.
1550 **Favorita.** Brilliant rose.
1560 **Splendens.** Purple-crimson.
1565 **Deep Lavender.**
1566 **Amaranth.** Rich plum color.
Each of the above, pkt., 10c.
1570 **Imperialis, Mixed,** all colors. Pkt., 10c.
1575 **Moschata Mixed.** Sweet Sultan, white, red and blue. Pkt., 10c.

Centaurea Imperialis Mixed

CENTAUREA—Continued

1580 **Suaveolens.** Yellow Sweet Sultan. Pkt., 10c.
1590 **Vaughan's Special Mixture** of Centaureas is composed of all the annual Centaureas, and a packet will produce the loveliest cut flowers all summer. ½ oz., 40c; pkt., 10c.
1480 **Americana.** 3 ft. A splendid native variety; bears immense thistle-like blooms of rosy-lavender color. Pkt., 10c.
1485 **Americana Alba.** 2½ ft. Star Thistle. Immense heads of double fluffy blooms, almost pure white. Pkt., 10c.
1595 **Candidissima.** 10 in. Thick silvery white leaves, used for bedding purposes. Pkt., 10c.
1600 **Gymnocarpa.** 1½ to 2 ft. Foliage finely cut of silvery gray color, used for bedding. Pkt., 10c.

CENTROSEMA □ = 10 ft.

A hardy vine of rare and exquisite beauty. Bears in the greatest profusion inverted, pea-shaped flowers, and ranging in color from rosy-violet to reddish-purple, with a broad feathered white marking through the center, while the large buds and the back of the flowers are pure white.

1610 **Grandiflora Butterfly Pea.** Pkt., 15c.

CHRYSANTHEMUM □

They produce long, stiff stemmed flowers in attractive shades and color combinations. Garfield Park conservatory in Chicago exhibited many of them in the spring show last year. Blooms keep well in water for a long time.

Chrysanthemum Vaughan's Special Annual Mixed

Single Flowering Varieties

1620 **Morning Star.** Petals primrose-yellow with halo of deeper yellow; dark yellow disc. Pkt., 10c.
1625 **Evening Star.** Rich sunflower-yellow, disc dark yellow. Pkt., 10c.
1626 **Eastern Star.** Primrose with brown disc. Pkt., 10c.
1627 **Purpureum W. E. Gladstone.** Rich, velvety crimson. Pkt., 10c.
1630 **Eclipse (Chameleon).** Clear yellow petals with dark disc. Pkt., 10c.
1635 **Burridgeanum.** Pure white petals with zone of rich brownish-red and inner zone of yellow surrounding the dark brown disc. Pkt., 10c.
1640 **Golden Feather.** Foliage striking yellow; flower with a crimson ring near center. Pkt., 10c.
1645 **The Sultan.** Rich wallflower-red with a narrow yellow zone around the brown disc. Pkt., 10c.
1650 **Northern Star.** Large pure white fringed petals with canary-yellow zone around a dark brown eye. Pkt., 10c.
1655 **Vaughan's Special Single Mixed.** We illustrated these on our front cover in 1925. Pkt., 15c.

Double Flowering Varieties

The coronarium varieties are dwarf selected strains of compact habit and with fine double flowers. They are most valuable border and bedding plants, and provide large quantities of cut bloom during the summer.

1656 **Coronarium Double White.** Pkt., 10c.
1659 **—Double Golden Yellow.** Pkt., 10c.
1662 **—Double Sulphur Yellow.** Pkt., 10c.

Centaurea Cyanus Double Blue

CHRYSANTHEMUM—Continued

1695 **Vaughan's Special Mixture of Double Chrysanthemums.** All the above and others, ½ oz., 25c; pkt., 10c.
1700 **Vaughan's Special Mixture of Annual Chrysanthemums.** Single and double sorts in finest mixture including many new varieties not cataloged above. ½ oz., 25c; pkt., 10c.

The following are valuable for winter-flowering in pots.

1705 **Frutescens** ÷ Paris daisy or Marguerite. Large white star-shaped flowers. Pkt., 10c.
1710 **Chinese and Japanese Varieties Mixed.** If the seed is sown in February or March, and properly treated, the plants will bloom profusely next fall. Pkt., 100 seeds, 25c.

CHINESE LANTERN PLANT (Physalis Franchetii) is a perennial easily raised from seed and produces its lanterns the second year from seed. See Perennial pages. Number 8345.

CLARKIA □ 2 ft.

Clarkias are popular summer annuals, all perfectly hardy; can be grown with utmost ease in ordinary soil.

1740 **Apple Blossom.** Double apple blossom.
1743 **Brilliant.** Double salmon-scarlet.
1746 **Chamois.** Double.
1749 **Flesh.** Double flesh pink.
1755 **Queen Mary.** Double rose carmine.
1760 **Salmon-Pink.** Double salmon.
1765 **Scarlet Queen.** Double orange-salmon and develop to a glowing orange-scarlet.
1770 **White Prince.** Very double, pure white. Each of above, pkt., 10c.
1790 **Vaughan's Special Mixture.** Made up especially from the above named varieties. Be sure and include this in your order. Pkt., 10c.

Clarkia Vaughan's Special Mixture

Cobaea Scandens

COBAEA

1820 **Scandens Cathedral Bells** □ = 30 ft. One of the handsomest and rapid growing climbers. The flowers are bell-shaped and open a clear green but turn a beautiful purplish-lilac. Seed should be sown edgewise. Very vigorous and prolific bloomer.

1825 **Flore Albo.** White.

1830 **Mixed.** White and blue.

Each of the above, pkt., 10c.

CINERARIA + 18 in.

As decorative and ornamental plants for winter decoration the Cinerarias take a foremost place, and may be enjoyed by any one possessing an ordinary greenhouse.

1715 **Vaughan's Columbian Mixture.** This is a mixture of the finest strains; the flowers are very large, from 7 to 9 inches in circumference, brilliant colors. Pkt., 60 seeds, 25c.

1720 **Hybrida, Good Mixed.** Pkt., 10c.

1722 **Stellata Mixed.** A mixture of blue, red, white and intermediate shades of star-shaped flowers. Pkt., 100 seeds, 25c.

1725 **Radiata Polyantha.** 2 to 3 ft. The small starry flowers are in many pleasing shades of crimson, rose, blush, white, azure and violet. Pkt., 25c. See also Novelties.

1730 **Maritima, Diamond.** For edging, silvery foliage. Pkt., 10c.

CLEOME

1800 **Pungens (Spider Plant)** □ 5 ft. A showy garden annual producing curious heads of flowers of bright rose color; of easy cultivation, blooming until late; a good bee plant. Pkt., 10c.

CLIANTHUS

1810 **Dampieri (Glory Pea of Australia)** + 2 ft. Clusters of bright red flowers with black spot. Pkt., 15 seeds, 25c.

COIX

1850 **Lachrymae (Job's Tears)** □ 2 to 4 ft. An ornamental grass with curious seeds which may be used as beads. 1 lb., $1.00; ¼ lb., 30c; 1 oz., 10c.

COLEUS

1855 **Vaughan's Mammoth Rainbow Mixture** ÷ 2 ft. The handsomest foliage plant obtained from seed. The leaves often measure 10 inches in length and 8 inches in width, heart-shaped and handsomely crimped, toothed and frilled; their color combinations are remarkably rich. Pkt., 25c.

1860 **Fine Mixed.** Pkt., 10c.

1862 **Pyrenean Giant.** Large leaves with whitish ground dotted with red shades. Pkt., 25c.

Vaughan's sheep manure is a safe and excellent fertilizer to enrich the soil in which flowers grow. See Fertilizer page.

COLLINSIA

1870 **Mixed** □ 18 in. All species are brightly colored and excellent for growing in clumps. Blooms early and prefers a dry situation. Pkt., 10c.

COMMELINA

1875 **Sellowiana** ÷ 1 ft. Plants are of graceful trailing habit, superb for carpet bedding or for hanging baskets. In pots it blooms every day in the year. In the garden from May until frost, showing daily scores of large winged butterfly-like blossoms of dainty blue color. Pkt., 10c.

CONVOLVULUS (Morning Glory) □ =

Major—Tall Varieties

The Morning Glory is too well known to need a description, and one seldom finds a more satisfactory vine. The amateur gardener can be sure of a fresh supply of bright colored, delicately tinted flowers.

1885 **White**
1887 **Rose**
1889 **Crimson**
1891 **Striped**
1892 **Dark Blue**
1894 **Lilac**

Each of the above, pkt., 10c.

1900 **Mixed, all colors.** 1 lb., $1.00; ¼ lb., 30c; 1 oz., 15c; pkt., 10c.

1905 **Double Mixed.** The flowers are double and semi-double and some are fringed. Pkt., 10c.

1910 **Double Snow Fairy.** The main charm lies in the purity and the quaintness of its blossoms which are pure white and curiously formed, really a flower within a flower. Pkt., 10c.

Convolvulus Morning Glory Mixed

Minor—Dwarf or Bush Varieties. 1 ft.

Are very showy and beautiful hardy annual for flower beds and borders, also rockwork; they bloom for a long period and delight in sun.

1920 **Mixed, all colors.** 1 oz., 15c; pkt., 10c.

COSMIDIUM

1930 **Orange Crown** □ 2 ft. The flowers are golden-yellow with a broad circle of a rich orange around the disc, a pleasing combination. Plants produce a succession of bloom all summer. Pkt., 10c.

COSMOS □ 4 to 6 ft.

This beautiful annual is one of the most showy and useful of our garden plants. Plants are very bushy and compact. Flowers borne on long delicate stems and are similar to single Dahlias. Foliage very finely cut.

Early Flowering Mammoth

These are the only kinds we would recommend planting north of the latitude of Middle Illinois, as the late or Giant flowered varieties are nearly always caught by early frost.

1935 **White.**
1940 **Pink.**
1945 **Crimson**

Each of the above, pkt., 10c.

1950 **Early Flowering Mammoth Mixed,** all colors. ¼ oz., 20c; pkt., 10c.

Cosmos Double Early Flowering Mixed

COSMOS—Continued

1955 **Early Harbinger Mixed.** Contains new shades such as soft shades of pink, peach, apple blossom, lavender and other intermediate shades, all giant flowered of the early flowering type. Pkt., 25c.

1980 **Klondyke.** A gorgeous orange-yellow flower with very handsome foliage more coarsely laciniated than others. Pkt., 10c.

Anemone Flowered or Crown and Crested

These differ from the other cosmos in the formation of the center of the flower, which develops a crown or crest, like an anemone, the guard petals remain the same.

1982 **Pink Beauty.**
1983 **White Queen.**
1984 **Mixed.**

Each of the above, pkt., 15c.

Double Early Flowering

These grow to a height of about three feet, forming a perfect bush, massed with bloom, bearing beautiful double flowers of good size, on long stems. They come about 65 per cent double from seed. Illustrated on the cover of our 1924 catalog.

1990 **Pink.**
1991 **White.**
1992 **Crimson.**

Each of the above, pkt., 25c.

1994 **Above 3 colors mixed.** Pkt., 25c.

CUPHEA

2000 **Platycentra (Cigar Plant)** ÷ 10 in. Small scarlet and black tubular flowers; dark green foliage. Pkt., 20c.

Cosmos Early Flowering Mammoth Mixed

Cypress Vine Mixed

CYPRESS VINE □ = 10 ft.

For training upon a light ornamental trellis the Cypress Vine cannot be excelled. It has a profusion of scarlet or white star-shaped blossoms, and its finely cut foliage is particularly adapted to ornamental work.

2035 **White.** Pkt., 10c.
2037 **Scarlet.** Pkt., 10c.
2040 **Mixed.** ½ oz., 20c; pkt., 10c.
2045 **Ivy-Leaved Scarlet.** A rapid growing variety with deeply lobed, ivy-like leaves, and small scarlet flowers. Pkt., 10c.

CYCLAMEN (Alpine Violet) + 1 ft.

Charming house plants, with beautiful foliage and rich colored, fragrant flowers; universal favorites for winter and spring blooming. May be successfully raised from seed with a little care and patience.

2010 **Giant Flowered Cyclamen.** Mixed, extra choice. 10 seeds, 20c; 20 seeds, 30c; 100 seeds. $1.20.

CYPERUS

2030 **Alternifolius (Umbrella Plant) + 1½ ft.** Grows finely in water with rich soil or mud, throwing up long spikes with narrow green leaves, umbrella shape. Pkt., 10c.

DATURA (Angel's Trumpet) □ 3 ft.

Handsome plants for subtropical bedding in summer, having large trumpet-shaped fragrant flowers. They should be given a light soil and a sunny-sheltered position. Make fine pot plants for the greenhouse.

2100 **Cornucopia (Horn of Plenty).** Immense flowers, triplicate in form, like three cones, one within the other, color rich violet, with white interior. Pkt., 10c.
2105 **Golden Queen.** Bright yellow flowers,
2110 **Double White.**
2115 **Double Fine Mixed.**
Each of the above, pkt., 10c.

Dahlia Vaughan's Special Mixture

DAHLIA □ 4 ft.

But few people know Dahlias can be raised from seed and will bloom the first year. The seeds germinate easily and from the very first are strong and sturdy little plants. Plant them in a shallow box or pan early in March or April, transplant them carefully as their growth demands, and keep the soil moderately moist. When all danger from frost is over, plant them in the bed or border in the garden, and from then on they will prove no more trouble than if the tubers had been used instead of seed.

Single Flowering

2055 **Collarette, Mixed Colors.** Flowers of various colors, adorned with a collar of small petals around the center. Pkt., 10c.
2065 **Giant Perfection Mixed.** The plants are of strong, robust habit, and produce in great abundance flowers of immense size, of the most bewildering variety of color. Pkt., 10c.
2066 **Single Dwarf Giant Flowered Mixed.** A number of new and odd shades may be expected from a packet. Pkt., 25c.

Double Flowering

2070 **Double Good Mixed.** Pkt., 10c.
2075 **Double Cactus Flowered Mixed.** With twisted and curled petals. Pkt., 15c.
2080 **Double Best Mixed.** Saved from show and fancy sorts. Pkt., 25c.
2090 **Vaughan's Special Mixture.** This mixture contains seeds from the best collections in America and Europe and embraces all the various strains of double-flowering Dahlias, such as Show, Pompon, Liliput and Cactus varieties, also the single flowering and striped sorts. Pkt., 60 seeds, 25c.

Delphinium (Annual Larkspur)
Vaughan's Special Mixture

DELPHINIUM

(Annual Larkspur) □

These handsome Larkspurs are very effective in borders and planted amongst shrubs. The graceful spikes of bloom are much valued for vases. They continue long in bloom. Sow seed in the open border either in early spring or late fall so germination may take place very early in the spring.

Stock-Flowered

2120 **Dark Blue.**
2121 **Dark Rose.**
2125 **Exquisite Pink.**
2127 **Flesh Pink.**
2130 **Lilac.**
2135 **Lustrous Carmine (Newport Pink).**
2140 **Sky Blue.**
2145 **White.**
Each of the above, ⅛ oz., 25c; pkt., 10c.
2150 **Mixed, all colors,** Oz., 60c; ¼ oz. 20c; pkt., 10c.
2155 **Giant Hyacinth-Flowered Mixed.** 3 ft. Derives its name from the striking resemblance of the flowers to a double Hyacinth. Delicate colors. Pkt., 10c.
2160 **Dwarf Rocket Mixed.** 1 ft. Pkt., 10c.
2165 **Emperor Mixed.** Produces an abundance of long, slender spikes in the most delicate colors. Pkt., 10c.

Dianthus Special Double and Single Mixed

DELPHINIUM—Continued

2170 **Vaughan's Special Mixture.** Annual Larkspurs. A charming mixture containing all the bright and delicate shades, makes wonderful cut flower material and should be planted generously. Illustrated on the cover of our 1923 catalog. 1 oz., $1.00; ¼ oz., 30c; pkt., 10c.
See also Perennial pages.

DIANTHUS

(Annual Garden Pinks) □ 1 ft.

Single Flowering

2190 **Crimson Belle.**
2193 **Eastern Queen.** Large and beautiful flowers, marbled rose and white.
2196 **Salmon Queen.** Salmon-scarlet.
2199 **Magpie.** Dark red, edged with clear silvery white.
2202 **Mephisto.** Salmon-margined dark brown.
2205 **Mirabilis.** Petals are deeply cut into fringes. All shades from pure white to deep purple.
2207 **The Bride.** White with purple center.
2218 **Violaceus.** Single violet.
Each of the above, pkt., 10c.
2240 **Laciniatus Splendens.** The flowers are beautifully fringed and come in various shades of red with large white centers and white edges around the petals. Pkt., 20c.
2245 **Vaughan's Special Mixture, Single Pinks.** The flowers are extraordinarily large, of handsome form, and embrace the most beautiful colors, ranging from white to the most delicate pink and deep crimson. ¼ oz., 30c; pkt., 10c.

Double Flowering

2255 **Double Salmon.** A beautiful shade.
2260 **Double Diadematus Mixed.** Beautiful flowers in various shades with the outer edges fringed and almost white.
2265 **Count Kerchove.** Blood-red, black spots
2272 **Brilliant Rose.**
2280 **Lucifer.** Double orange.
2283 **Violaceus Plenus Double Violet Queen.** Flowers brilliant purple, blue-violet colored.
2285 **Mourning Cloak.** Flowers very dark velvety crimson, each petal being strikingly edged white.
2290 **Fireball.** Scarlet, compact, floriferous.
2293 **Snowball.** Compact, fringed white flowers.
2296 **Midnight.** Double blood-red.
Each of the above, pkt., 10c.

2300 **Vaughan's Special Mixture of Double Pinks.** Selection of the best double pinks in cultivation. Flowers ranging in color through all the brightest and most brilliant shades. ¼ oz., 30c; pkt., 10c.

2305 **Vaughan's Special Mixture of Double and Single Pinks.** This magnificent mixture contains the cream of the Dianthus family and unexpected results may be obtained by planting a package. ¼ oz., 30c; pkt., 10c.

Didiscus Coeruleus

DIDISCUS COERULEUS

2310 **Lavender Lace Flower** □ 3 ft. Long-stemmed lavender flowers; look like blossoms of Queen's Lace Handkerchief. A constant bloomer. The culture is not at all difficult, only the seed is somewhat slow in germinating. Pkt., 10c.

DIGITALIS (Foxglove) see colored Perennial Pages.

DIMORPHOTHECA

2320 **Aurantiaca. (Golden Star of the Veldt.)** □ 1 ft. Rare and very showy annual from South Africa, having daisy-like flowers of a glossy salmon-orange shade with black central ring. Pkt., 10c.

2325 **Aurantiaca Hybrida.** They vary in color from the purest white to red and blush, white tints, sulphur, lemon and bright golden-yellow, light orange, reddish-yellow changing to pale salmon-rose. Pkt., 10c.

DOLICHOS (Hyacinth Bean) □ = 10 ft.

A rapid-growing annual climber, flowers freely in erect racemes, followed by ornamental seed pods.

2330 **Princess Helen (Daylight).** Snow-white flowers followed by silvery-white seed pods. Pkt., 10c.

2335 **Purple Soudan (Darkness).** Attractive rose-violet flowers with dark ruby-purple seed pods. Pkt., 10c.

2340 **Mixed, all colors.** 1 oz., 20c; pkt., 10c.

2345 **Lignosus (Australian Pea Vine).** A rapid-growing evergreen climber, flowering freely in clusters of rose pea-shaped flowers. Pkt., 10c.

DRACAENA

2350 **Indivisa** □ ÷ 2 ft. Ornamental leaved plants; long, narrow, green-leaved foliage. Pkt., 10c.

Dolichos Mixed

EVERLASTINGS

Everlastings have become popular again; winter bouquets of your own growing make an attractive present for a friend, besides supplying during the long, cold winter, when flowers are scarce, a bit of brightness for your own home. The drying is a simple operation. Cut before fully expanded, bunch like sweet peas and hang on a line in a warm, dark, dry room. They will dry thoroughly in ten days.

Annuals

140 **Acroclinium Roseum.** 2 ft. Pkt., 10c.

295 **Ammobium Alatum Grandiflorum.** 2½ ft. Pkt., 10c.

2525 **Gomphrena (Globe Amaranth).** Mixed, all colors. Pkt., 10c.

2810 **Helichrysum (Strawflower).** 2 to 3 ft. Vaughan's Special Mixture. Pkt., 15c.

4525 **Rhodanthe.** 1 ft. Mixed colors. Pkt., 10c.

4795 **Statice Russian (Suworowii).** Pkt., 15c.

4800 **Bonduellii.** Pkt., 10c.

4802 **Sinuata True Blue.** Pkt., 10c.

4801 **Sinuata Rosea Superba.** Pkt., 10c.

4804 **Sinuata White.** Pkt., 10c.

5849 **Xeranthemum Double Mixed.** 2 ft. Pkt., 10c.

Perennials

7788 **Echinops Ritro (Globe Thistle).** Pkt., 10c.

7795 **Eryngium Planum (Sea Holly).** Pkt., 10c.

7860 **Gypsophila Paniculata Fl. Pl. (Baby's Breath.)** Pkt., 25c.

8150 **Lunaria Biennis, Honesty or Peter's Pence.** Pkt., 10c.

8345 **Physalis Franchetti (Chinese Lantern Plant).** Pkt., 10c.

8520 **Statice Latifolia (Sea Lavender).** Pkt., 10c.

2440 **Everlastings Mixed.** 1 to 2 ft. Pkt., 10c.

All the Ornamental Grasses.

EUCALYPTUS

2425 **Globulus (Blue Gum)** ÷ Admirable for sub-tropical bedding or greenhouse decoration. Pkt., 10c.

EUPHORBIA □ 2 ft.

Strong growing annuals, for beds of tall-growing plants or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental.

2430 **Heterophylla (Mexican Fire Plant).** Annual poinsettia resembling in habit and color the beautiful hothouse poinsettia. About mid-summer the center top leaves of each branch turn orange-scarlet. Pkt., 10c.

2435 **Variegata (Snow on the Mountain or Mountain Spurge).** 2 ft. Remarkably distinct plant; very showy with its foliage edged white and green. Pkt., 10c.

FORGET-ME-NOT—See Myosotis.

FOUR O'CLOCK—See Mirabilis.

FOXGLOVE—See Digitalis in Colored Perennial page.

EXACUM

2445 **Affine.** Greenhouse plant 1 to 2 ft. high with numerous bluish lilac flowers with yellow stamens of a very delicate fragrance. When sown in March or April, blooms from August or September until late in season. Excellent for basket use and may be used like a primula or a begonia. Pkt., 50c.

FREESIAS

These are well known for their delightful fragrance. Seeds should be sown in flats and transplanted after the bulb has formed. Will bloom the first year from seed.

2450 **Refracta Alba.** White. Pkt., 10c.

2455 **Rainbow Hybrids.** Very attractive because of their unique colorings and shadings. Pkt., 15c.

FUCHSIA HYBRIDA (Ladies' Eardrop)

2460 **Double and Single Mixed** ÷ 1 to 4 ft. Well-known greenhouse plant, blooms from seed first year if planted early. Pkt., 20c.

GAURA

2480 **Lindheimeri** □ 3 ft. A graceful plant bearing numerous spikes of rosy white flowers from July until frost. Pkt., 10c.

GESNERIA

2505 **Robusta Perfecta Hybrids.** This makes a fine pot plant. It belongs to same class as the Gloxinias and needs same culture in greenhouse, by regulating their rest period may be brought into bloom at almost any time. Pkt., 50c.

Escholtzia Vaughan's Special Mixture

ESCHOLTZIA (California Poppy) □ 1 ft

The State flower of California. A bright free-flowering plant of low spreading growth with finely cut silvery foliage. The poppy-like flowers in pure shades of yellow, orange and crimson are produced from early spring until frost. Sow the seed where the plants are to remain.

2365 **Alba.** Paper white.

2370 **Carmine King.** Beautiful carmine-rose color, both on the interior and exterior of the flower.

2375 **Canaliculata Rosea.** Beautiful rosy pink.

2380 **Dainty Queen.** Color tender blush or pale coral pink, deeper towards the edges with a ground of delicate cream.

2385 **Golden West.** Flowers bright yellow and orange, penciled and blotched.

2387 **Mandarin.** Inner side of the petals orange, the outer side brilliant scarlet.

2392 **Mikado.** Flowers lustrous orange-crimson.

2397 **Rose Cardinal.** Flowers pretty dark rose, inside blush.

2398 **The Geisha.** Orange-red outside, rich golden within.

2410 **Double and Semi-Double Mixed.**

Each of the above, pkt., 10c.

2415 **Vaughan's Special Mixture.** This mixture includes all the varieties here cataloged of the double and single sorts and is the most complete mixture of these charming annuals in existence. Oz., 75c; ½ oz., 40c; pkt., 10c.

ERYTHRINA

2360 **Crista Galli (The Coral Tree)** ÷ 4 ft. A fine plant for south walls with protection, and for subtropical gardening. Produces in summer handsome racemes of rich deep scarlet flowers. Pkt., 15c.

Euphorbia Variegata
Snow on the Mountain

Gaillardia Lorenziana Double Mixed

GAILLARDIA (Blanket Flower)

☐ 1½ ft.

They will produce from early spring until late fall a continuous profusion of brilliantly colored flowers, red and yellow predominating. Of easy culture, sow where they are to remain.

2465 **Amblyodon.** Deep red. Pkt., 10c.
2470 **Picta Single Mixed.** Pkt., 10c.
2475 **Lorenziana Double Perfection Mixed.** Large handsome heads of double quilled flowers in rich shades of red and yellow. Pkt., 10c.

See also Colored Perennial pages.

GERANIUM ÷ 1 to 2 ft.

These grow readily from seed the first year and produce blooming plants the first summer. There is a great deal of pleasure in watching them develop from seed, and there is always the chance of thus securing something new.

2485 **Zonale Varieties.** Saved from a choice collection. Pkt., 10c.
2490 **Large Flowering, Newest Varieties Mixed.** Pkt., 50 seeds, 15c.
2495 **Apple-scented.** Leaves fragrant. Pkt., 25 seeds, 15c.
2500 **Lady Washington (Odier).** Large flowers beautifully blotched. Pkt., 15 seeds, 25c.

GERBERA (Transvaal Daisy)

2550 **Jamesoni Hybrids.** They are half-hardy perennials, usually grown as greenhouse or window plants. The daisy-like blossoms, 2 to 4 inches across, being borne on long stems, are unsurpassed as cut flowers, as they are of wonderful lasting quality. For garden culture in cold climates the plants are wintered over in cold frames. They are easily grown from seed and will commence flowering the first year, although old plants will produce the greater abundance of bloom. The colors include a galaxy of incomparable delicacy and richness, in which a wilderness of tints, from pure white through yellow, orange, salmon, rose, cerise and ruby-red to violet are represented. Does remarkably well in California. Pkt., 25 seeds, 25c.

Godetia Mixed

GLADIOLUS

2540 **Many Varieties Mixed.** Can be grown to produce flowers first year if sown early and will make splendid bulbs for second year blooming. Pkt., 10c.

2545 **Primulinus Hybrids.** Flowers of distinct form and possess the clearest tones and tints of color to be found. The spikes are tall and graceful. 100 seeds, 25c.

GLOXINIA

2560 **Vaughan's International Mixture** ÷ 12 in. Magnificent house-blooming plants, with handsome bell-shaped flowers in the diversity of the richest colors. Pkt., 25c.

VAUGHAN'S SPECIAL

2565 **Fine Mixture.** Pkt., 15c.

GOMPHRENA (Globe Amaranth)

A showy annual everlasting with clover-like heads.

2505 **Globosa Alba.** White.
2510 **Rubra.** Red.
2515 **Pink.**

Each of the above, pkt., 10c.

2520 **Orange.** Blossoms resemble a ripe strawberry in color and markings. Start in sandy soil in gentle bottom heat. Pkt., 15c.
2525 **Mixed, all colors.** Pkt., 10c.

Gilia Capitata

GILIA

2530 **Mixed** ☐ 1 ft. Exceedingly graceful early flowers and valuable for bees. Charming in the flower border and for cutting in spring and summer. Pkt., 10c.

2531 **Tricolor.** "Bird's Eyes." 7 inches to 1 foot high. Flowers pale lilac, yellow toward the center, with five purple spots. Charming combination of colors. Pkt., 10c.

2532 **Capitata.** 2 ft. Erect habit, plants one foot in diameter; flowers lavender-blue. The blossom is like a small scabiosa and should prove a good cut flower. Pkt., 10c.

GODETIA ☐ 1½ ft.

An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of satiny texture in many rich and varied colors. They do best in a rather poor soil.

2570 **Duchess of Albany.** Pure white.
2573 **Gloriosa.** Deep blood-red.
2576 **Rosamunde.** Fiery rose.
2579 **Lady Satin Rose.** Bright carmine.
2583 **The Bride.** White and red.
2584 **Whitneyi.** Double pink flowers, excellent for pots. Pkt., 15c.
2587 **Many Sorts and Colors Mixed.**
2598 **Dwarf Sorts Mixed.** Neat globular, about 10 in. in height.

Except where noted, pkt., 10c.

GREVILLEA

2675 **Robusta (Silk Oak)** ÷ 1 to 5 ft. Grows rapidly from seed, and is pretty in all stages of growth; with its long, drooping, silky foliage. Excellent for fern dish use In California and Florida develops into an ornamental tree. Pkt., 10c.

Gourds Mixed

GOURDS ☐ = 20 ft.

These are desirable in many places where an immense amount of vine is wanted quickly. The blooms of some are quite striking and handsome. With many sorts the fruit is unique and ornamental and often useful. The small fancy gourds are excellent toys for children, while the larger gourds may be used as dippers, sugar troughs and bowls.

2600 **Apple-shaped.** Beautifully striped.
2605 **Bottle.** The original Thermos bottle. Used by the pilgrims in the Orient.
2608 **Calabash or Pipe Gourd.** Odd-shaped fruit which is used to an advantage in making pipes.
2610 **Dipper.** Fruit makes an excellent dipper and may be used for wren's nests.
2615 **Dishcloth or Towel. Luffa Acutangula known as Sing-kwa.** The fruit is eaten when young, being cooked like squash or served in soups and stews. The young fruit is sometimes sliced and dried. Many women prefer a dishcloth made of this Gourd to anything else, as it is always sweet and clean as long as any part of it is left.
2618 **Hercules Club.** Fruit grows 3 to 4 ft. long.
2620 **Gooseberry.** Gooseberry-shaped fruit.
2625 **Japanese Nest Egg.** Fruit looks exactly like a hen's egg and may be used as nest eggs.
2627 **Orange.** The well known Mock Orange.
2630 **Ornamental Pomegranate or Queen's Sweet Pocket melon.** Fruit deliciously perfumed and may be carried in the pocket or laid among linens.
2635 **Pear Shaped.** Striped yellow and green.
2640 **Sugar Trough.** Thick shells, very durable.
2643 **Spoon.** Small ball-shaped fruit with slender necks, deep orange. By slicing off a part of the side of the bowl a satisfactory spoon may be made.
2645 **Turk's Turban.** Odd brightly colored fruit.

Each of the above pkt., 10c.

2650 **Small Fruited Varieties Mixed.** Pkt., 10c.
2660 **Mixed, all varieties.** 1 oz., 30c; ½ oz., 20c; pkt., 10c.

Gomphrena Mixed

Gypsophila Elegans Grandiflora Alba

GYPSOPHILA □ 2 ft.

Graceful plants of light fairy-like growth. Much in demand for cutting and combining with other flowers for bouquets and vases.

2680 **Elegans Grandiflora Alba (Angel's Breath).** This is an improved large-flowering, pure white, of free, easy growth. Several sowings should be made during the season to keep up a supply. Oz., 30c; ½ oz., 20c; pkt., 10c.

2682 **Elegans Carminea.** Pkt., 10c.

2683 **Elegans Crimson.** Pkt., 15c.

2685 **Elegans Rosea.** Soft pink. ½ oz., 25c. Pkt., 10c.

2690 **Muralis.** 6 in. A lovely little rock or edging plant with rose-pink flowers. Pkt., 10c.

GRASSES

2670 **Ornamental Mixed** □ 2 to 5 ft. These are most useful for winter bouquets when combined with Everlasting flowers. They are easily grown in any soil. Pkt., 10c.

Ornamental Grass Collection

235 **Agrostis Nebulosa.** Pkt., 10c.
1150 **Briza Maxima.** Pkt., 10c.
1850 **Coix Lachrymae.** Oz., 10c.
2030 **Cyperus Alternifolius.** Pkt., 10c.
3920 **Pennisetum Longistylum.** Pkt., 10c.
3925 **Pennisetum Rueppelianum.** Pkt., 10c.
6175 **Zea Japonica Quadricolor Perfecta.** Pkt. 10c.

Be sure and plant some Perennial Seeds this summer for next year's blooming.

Heliotrope Mammoth Mixed

HELIANTHUS (Sunflower) □

These comprise plants of majestic growth and immense showy flowers, suitable for shrubberies, woodlands, wild gardens and subtropical gardening; the dwarfer kinds, with smaller flowers, are charming when grouped in mixed flower borders.

Large Flowered Tall

2700 **Annuus Purpureus, Gaillardia-flowered or Red Sunflower.** 4 to 8 ft. Some flowers of a rich chestnut-red color, others tipped with yellow and others slightly washed with red. The flowers vary in size, and are of good form, usually having a small disc, and often two rows of long, slightly curled rays. Pkt., 10c.

2705 **Argyrophyllus.** 4 ft. Handsome silvery foliage, single bright yellow flowers enhanced by a black disk, perfect pyramidal growth. A specimen plant will attain the shape of a Christmas tree, the flowers having the effect of candles. Pkt., 10c.

2707 **Californicus Fl. Pl.** 5 ft. Double dark yellow. Pkt., 10c.

2709 **Chrysanthemum Flowered Double.** 6 ft. Golden yellow flowers. Pkt., 10c.

2715 **Double Mixed.** Pkt., 10c.

2717 **Globosus Fistulosus Fl. Pl.** 6 ft. Double globe or dahlia sunflower. Flowers a rich saffron color. Pkt., 10c.

2718 **Primrose Queen Double.** 5 to 6 ft. Large numbers of medium-sized pale sulphur yellow flowers are produced on short, straight stems. Pkt., 10c.

2722 **Nanus Flore Pleno.** 2½ ft. Double dwarf, beautiful for massing in beds. Pkt., 10c.

2725 **Russian Mammoth.** Single, of gigantic dimensions. A couple of rows of sunflowers planted on the outside of the poultry yard fence will serve a double purpose. They will make splendid shade and provide good feed. 1 oz., 5c.

Miniature-Flowered

The Helianthus cucumerifolius form spreading bushes with small graceful foliage and bear a multitude of small elegantly formed flowers, which are borne for a long time in succession, and are invaluable as cut flowers.

2727 **Cucumerifolius.** Charming small sunflowers; flowers rich golden yellow with brown-black center. Pkt., 10c.

2735 **Stella.** Large golden yellow petals; small, dark center. Pkt., 10c.

2737 **Orion.** Petals rolled, resembling Single Cactus Dahlia. Pkt., 10c.

2740 **Purpureus.** Flowers shades of red and yellow. Pkt., 10c.

2745 **Double Hybrids.** Double and semi-double flowers. Pkt., 10c.

2750 **Liliput, Baby Sunflower.** 6 to 8 in. The plants are of a somewhat creeping growth, similar to those of Verbenas. Flowers are single, bright yellow, dark disk. Pkt., 10c.

2755 **Vaughan's Special Mixture.** Includes all the above of cucumerifolius varieties. ¼ oz., 20c; pkt., 10c.

2760 **Vaughan's Special Mixture** of all the single and double Sunflowers. ½ oz., 25c; pkt., 10c.

HELIOTROPE ÷ 2 ft.

Heliotrope is a universal favorite on account of its delightful fragrance and duration of bloom, flowering equally well as bedding plants in summer, or as pot plants in the house during the winter. Seed sown in the Spring makes fine plants for bedding out, and are as easily grown as Verbenas.

2820 **Mammoth Mixed.** Flowers of great size and ranging in shade from dark blue to lilac. Pkt., 15c.

2825 **King of the Blacks.** Deep purple, almost black. Pkt., 15c.

2826 **Madam Bruant.** This is a dwarf-growing variety with violet-blue flowers with white eyes. Very distinct, good for bedding. Pkt., 25c.

2827 **White Lady.** A large flowering pure white variety. Very fragrant. Pkt., 15c.

2830 **Fine Mixed.** Pkt., 10c.

HUMULUS JAPONICUS (Japanese Hop)

Rapid summer climber; the foliage is luxuriant, making a dense covering. It is one of the best plants for covering verandas, trellises, etc. Heat, drought and insects do not trouble it.

2850 **Green Leaved.** Pkt., 10c.

2855 **Variegated Leaved.** The large, handsome, leaves are beautifully variegated white, green and yellow. Pkt., 10c.

Helichrysum Vaughan's Special Mixture

HELICHRYSUM (Strawflower)

Helichrysums are an ornament to the garden when growing, and are everywhere prized for the winter decoration of vases, and for durable bouquets Flowers intended for drying should be gathered when partially unfolded and suspended with their heads downward in a cool place.

2770 **Silver Ball.** White.
2775 **Fire Ball.** Red.
2780 **Golden Ball.** Yellow.
2785 **Rose Queen.** Carmine rose.
2790 **Salmon Queen.** Salmon pink.
2795 **Violet Queen.** Violet.
Each of the above, pkt., 10c.

2800 **Mixed, all colors.** Pkt., 10c.

2810 **Vaughan's Special Mixture.** This mixture of Helichrysum is an improved large-flowered strain containing many new and exquisite shades. Illustrated on our 1917 catalog cover. ¼ oz., 25c; pkt., 15c.

HOLLYHOCKS (Annual) □ 5 ft.

The perennial varieties flower only the second year if grown from seed, these annual kinds, however, bloom the first year, and if sown in the open ground in May, they will be in flower in August, but if started indoors and set out in May, they will bloom in July.

2840 **Everblooming Single Mixed.** Large single flowers, exhibiting every shade known in Hollyhocks. Pkt., 10c.

2845 **Everblooming Double Mixed.** Double and semi-double. Pkt., 10c.

(For other Hollyhocks see Perennial List printed in colors.)

Helianthus Cucumerifolius Vaughan's Special Mixture

Hunnemannia Bush Escholtzia

HUNNEMANNIA

2860 **Fumariaefolia (Bush Escholtzia, or Yellow Tulip Poppy)** □ 1½ ft. The plants grow into a shrubby bush and produce their large cup-shaped flowers 3 in. across on stems 12 in. long. The color is of clear, bright yellow; the petals are broad and crinkled, like crushed satin. The cut blooms keep in water two weeks. Pkt., 10c.

HYACINTH BEAN—See Dolichos.

ICE PLANT

2870 **Mesembryanthemum Crystallinum** □ 6 in. Foliage very ornamental, being covered with ice-like globules and prized for garnishing; a valuable plant for dry, sunny situations on banks, rockwork, old walls and ruins, etc., also for sunny borders. Pkt., 10c.

IMPATIENS (Zanzibar Balsam)

÷ □ 1½ ft.

One of the prettiest plants for pot culture and also for out-door planting in a half-shaded situation. Remarkable for its long duration of bloom. It is very charming for winter blooming.

2875 **Holstii.** Of rapid and vigorous growth and producing large flowers of a brilliant salmon-scarlet. Pkt., 15c.

2880 **Holstii Hybrids.** They range in color from pink through the red shades to purplish violet. Pkt., 15c.

2881 **Sultani.** Bright rose. Pkt., 15c.

2882 **Sultani Hybrida.** Colors range from pale pink to dark crimson. Pkt., 15c.

Japanese Morning Glory
Vaughan's Special Mixture

IPOMOEA □ = 20 ft.

Beautiful rapid annual climbers. Foliage very dense and in some kinds of remarkable shape. The flowers in their wide range of delicate coloring are poised on slender stems. Many of the sorts open only when the sun rises, others when the sun sets. Some are fragrant. Seeds should be soaked in warm water for 24 hours before sowing to assist rapid germination. The seeds about the size of a pea should be notched with a file before soaking.

2895 **Bona Nox (Evening Glory).** Violet flowers. Pkt., 10c.

2900 **Coccinea (Star Ipomoea).** Small scarlet flowers in great profusion. Pkt., 10c.

2905 **Mexicana Grandiflora Alba (White Moon Flower).** Covered with large white flowers every evening and cloudy day. Seeds should be started inside. Pkt., 10c.

2910 **Mexicana Grandiflora, Giant Pink.** Soft lilac-pink flowers. Pkt., 10c.

2915 **Imperialis (Japanese Morning Glory), Fine Mixed.** The Japanese Morning Glory requires a warm situation to do well. The south side of a wall or building where the plants are protected from the north and west winds will mostly be found beneficial for these vines. 1 lb., $1.50; ¼ lb., 55c; 1 oz., 20c; ½ oz., 15c; pkt., 10c.

2925 **Vaughan's Special Mixture, Japanese Morning Glories.** The colors run from snow-white through all possible shades of blue and red, from palest pink to darkest reds and purples. Flowers are streaked, mottled and bordered in wonderful fashion. The leaves are also very handsome; ivy-like and heart-shaped, some are rich green, while others are streaked and marbled with white or yellow. ¼ lb.. $1.00; 1 oz., 30c; ½ oz., 20c; pkt., 10c.

2930 **Learii.** Satiny blue with crimson bars. A good greenhouse climber. Pkt., 10c.

2935 **Rochester.** Flowers 4 to 5 in. across, deep violet-blue in the throat, blending out to an azure-blue, bordered with a wide white band around the edges. Pkt., 10c.

2940 **Rubro-Coerulea (Heavenly Blue).** Deep pure sky-blue flowers, delicately shading to white toward the center. Mrs. Francis King says this in her charming book "Variety in the Little Garden:" "There are three reasons for growing this Ipomoea as opposed to the common variety; its flowers are far larger than any other, mine measuring today 5 inches across; its blue is unequaled, and toward autumn its vines become more and more floriferous. It is a thing to wait for. It supplies the clearest blue possible for the late August borders. For those who live with their gardens, who see them during the morning as well as in the later hours, it is a boon in flowers."

Should be grown in pots to confine the roots to produce flowers. Pkt., 10c.

2950 **Setosa (Brazilian Morning Glory).** The stems and leaf stalks are covered with reddish-brown hairs. The deeply lobed leaves are about 9 inches across; flowers about 2 inches in diameter, of delicate texture, tinted pink with a five-pointed star of satiny pink, and are followed by curious seed pods. Pkt., 10c.

IONOPSIDIUM

2890 **Acaule (Violet Cress)** □ 3 in. A lovely miniature rapid-growing and early-flowering plant, forming dense tufts of foliage smothered in tiny, pale lilac flowers. Pkt., 10c.

ISOLOMA

2960 **(Hirsutum Multiflorum Hybridum)** + The large leaves, which are of a texture similar to those of the Gloxinia are of a rich dark green; the reverse of them, as well as the flower stalks, are covered with bright red hair. The flowers are produced in abundance and in various colors and color combinations. The plants grow from 12 to 18 inches high, are bushy and require no staking. Seed sown in January or February will bloom in June or July, and will continue to flower until winter without cessation. Their constitution is very robust, which enables them to thrive in living rooms. This is a most desirable pot plant, Pkt., 50c.

LANTANA

2975 **Hybrida, Mixed** + 2 ft. Shrubby plant with Verbena-like flowers in shades of white, red and yellow. May be grown in pots or set out in summer, remains in bloom late in autumn. They have an agreeable aromatic perfume. Pkt., 10c.

2980 **Dwarf Hybrids.** Mixed. Pkt., 15c.

Kochia Childsii

KOCHIA

2965 **The New Giant (Summer Cypress, Burning Bush)** □ 2½ ft. This beautiful annual bush has rapidly come into prominence. It grows 2 to 2½ feet high and resembles a close-clipped ornamental evergreen. The globe-shaped or pyramidal bushes are close and compact and of a pleasing light green color. The plant may be grown singly or in the form of a hedge or background. In early Autumn the whole bush becomes carmine or blood-red, whence the name of Mexican Fire Plant, Burning Bush, etc. Flowers small and numerous, but not conspicuous. The beauty of the plant is in its shape and color. ½ oz., 15c; pkt., 10c.

JOB'S TEARS—See Coix Lachryma.

KUDZU VINE—See Pueraria.

LAVENDER LACE FLOWER — See Didiscus Coeruleus.

LEPTOSIPHON

3000 **French Hybrids** □ Free flowering hardy annuals useful for edging and rockwork. Plants are thickly studded with charming bright flowers of various colors. Pkt., 10c.

LEPTOSYNE

3010 **Stillmani.** 1½ ft. One of the quickest annuals, blooming within five weeks from date of sowing, and the golden-yellow flowers continue in perfection for a long period. Excellent for cutting. Pkt., 10c.

3015 **Maritima.** 3 ft. Large lemon-yellow Marguerite-like flowers on long stalks. Pkt., 10c.

White Moonflower

Lavatera Splendens Rosea

LAVATERA ☐ 2½ ft.

The Lavateras or Annual Mallows are showy and effective plants covered during the entire summer with bloom. For large borders and cutting they are very desirable.

2985 **Splendens Alba.** Very large, silky, pure white flowers. Pkt., 10c.

2990 **Splendens Rosea.** Very large, bright rose flowers. Pkt., 10c.

LIMNANTHES

3016 **Douglasi.** Marsh flower, yellow aud white, fragrant, annual. Pkt., 15c.

LINARIA

3017 **Maroccana Hybrida Excelsior.** Annual, very effective. Pkt., 15c.

3018 **Reticulata Aurea Purpurea.** Annual, golden yellow and dark purple flowers. Pkt., 15c.

LINUM

3020 **Grandiflorum Rubrum (Crimson Flax)** ☐ 2 ft. One of the most brilliantly colored of summer annuals, flowers glowing crimson-rose. Very beautiful in beds and borders, and may be had in bloom from May to October by successive sowings. Pkt., 10c.

MATRICARIA

3205 **Capensis Fl. Pl. (Feverfew)** ☐ 3 ft. Neat, small, double white flowers, well adapted for bedding and cutting. They are perennials in mild climate, but in our latitude are treated best as annuals. Pkt., 10c.

3208 **Eximea, Golden Ball.** 1 ft. Of compact habit, suitable for edging, with very striking double yellow flowers. Pkt., 10c.

Lobelia Bedding Queen

LOBELIA ERINUS COMPACTA ☐

This charming class forms compact little bushes about 6 inches high and are fairly sheeted with bloom throughout the season. Highly desirable for edgings, ribbon bedding and garden decoration as well as for pot culture.

3040 **Bedding Queen.** Dwarfest, best for ribbon bedding. Flowers deep purplish violet, with clear white eye. Pkt., 10c.

3045 **Crystal Palace Compacta.** Deepest blue, dark foliage. Pkt., 10c.

3050 **Emperor William.** Clear sky-blue, with green foliage. Pkt., 10c.

3051 **Prima Donna.** Rich velvety crimson. Pkt. 15c.

3055 **Pumila Rosea.** Dwarf pink. Pkt., 10c.

3067 **Tenuior.** Large flowered. Dark blue. Pkt., 15c.

The following varieties are especially effective in hanging baskets or window boxes, where a long drooping effect is desired.

3060 **Speciosa.** True dark blue, dark foliage. Pkt., 10c.

3065 **Sapphire.** Large, deep blue flowers, with a pure white eye which occupies one-third of the corolla. Pkt., 15c.

3070 **Mixed colors.** ⅛ oz., 15c; pkt., 10c.

Lupinus Tall Annual Mixed

LUPINUS ☐ 2 ft.

Free flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; prefers a little shade.

3075 **Hartwegii, White.** Pure white flowers.

3080 **Oxford Blue.** Dark blue.

3085 **Cambridge Blue.** Light blue.

3090 **Roseus.** Rose colored flowers.

3095 **Annual Yellow.** Beautiful canary yellow. Each of the above, pkt., 10c.

3105 **Tall Annual Varieties, Mixed.** 1 oz., 30c; pkt., 10c.

3110 **Dwarf Annual Varieties, Mixed.** 1 ft. Pkt., 10c.

(See also Perennials.)

MARIGOLD—See next page.

MARVEL OF PERU (Four o'Clocks)

This is another good old-fashioned flower of bushy habit, bearing hundreds of flowers during the season of white, yellow, crimson and violet. Very charming when used as a hedge plant, rivaling the privet, with its glossy foliage very closely set and dotted all over in the afternoon with a multitude of fairy flowers. It is a little known fact that roots of these may be lifted in the fall and stored like Dahlias and the tubers planted in spring. It will result in larger plants, stronger, and with more flowers. Sometimes called "Mirabilis Lily."

3305 **Red.** A hedge of this is a brilliant sight.

3306 **Rose.**

3307 **Lilac.**

3308 **Yellow.**

Each of the above, lb., $3.00; oz., 30c; pkt., 10c.

3295 **Mixed, all sorts and colors.** ¼ lb., 50c; 1 oz., 15c; pkt., 10c.

3297 **Dwarf Mixed.** 12 in. Pkt., 10c.

3310 **Sweet-Scented (Longiflora Alba).** White. Pkt., 10c.

Mignonette Giant Machet

MIGNONETTE (Reseda) ☐ 6 to 12 in.

No garden is complete without this fragrant plant of unassuming mien. One of the principal uses is for cutting purposes and combining in bouquets with other more pretentious blossoms without its delicate odor.

3225 **Bismarck.** The red flowers are larger in every way than those of other sorts, the spikes are very dense, its foliage is distinct, being crinkly, while its odor is strong and most delicious. Pkt., 10c.

3230 **Golden Queen.** Yellow. Pkt., 10c.

3235 **Goliath.** Foliage rich green, with bright red flowers. Flower stalks tall and strong, spikes often 7 inches long by 2 inches in diameter. Pkt., 10c.

3236 **Giant Rocket.** 1 ft. The largest and most robust variety. The flowers are wonderfully fragrant and produced in great abundance. Many plants carry 50 to 60 spikes of bloom, each 14 to 18 inches long. Pkt., 15c.

3245 **Machet.** It is the best Mignonette for all purposes, either outside or inside. It is an everbloomer, the flowers lasting until late in the fall. ¼ oz., 25c; pkt., 10c.

3246 **New York Market.** This is an extra choice strain of Mignonette for greenhouse culture. The plants grow from 2 to 3 feet high and produce flower spikes up to 20 inches long, according to the quality of the soil, weather and treatment. Pkt., 25c.

3250 **Pyramidal Large-Flowering.** Tall-growing variety. Pkt., 10c.

3260 **Mixed.** Many shades and types. Pkt., 10c.

Marvel of Peru (Four o'Clocks) Mixed

Marigold Vaughan's Special Tall Mixed

MARIGOLD (Tagetes) □

In late summer, when many bedding plants are past their prime, Marigolds afford a wealth of color that is simply invaluable. The African varieties produce large self-colored blossoms on tall plants; the French are smaller, but the colors and markings are very interesting, some of the varieties being elegantly striped and spotted. The Single French and the Dwarf Single French Marigolds hold the chief place in the class.

Double Tall African Varieties 5 ft.

3125 **Eldorado.** Extremely large imbricated double flowers in yellow shades. Pkt., 10c.

3130 **Lemon Queen.** These are lemon color, but the formation of the flower is exactly like the Orange Queen. Pkt., 10c.

3135 **Orange Queen.** Large, perfect, double quilled flowers of a rich, deep, golden-orange color. Very attractive. Pkt., 10c.

3136 **Vaughan's Special Mixture** of Tall French varieties. Pkt. 15c. Illustrated on cover of our 1926 catalog.

3150 **Vaughan's Special Mixture Tall Marigolds.** This mixture includes both the African and French sorts. A packet will give you flowers of enormous size in a wonderful assortment of color, in shades of yellow, cream, orange, rusty brown, old gold, etc. ¼ oz., 20c; pkt., 10c.

3155 **Tall French Striped.** Flowers have a yellow ground, with rich brown markings. Pkt., 10c.

3157 **Tall French Josephine.** Single dark brown with an edging of old gold, and a glint of crimson, with petals of rich velvety texture, borne on long stems. Pkt. 10c.

Double Dwarf African

3160 **Mixed (Pride of the Garden).** 15 in. Immense golden yellow flowers, compact dwarf habit forming dense bushes. Pkt., 10c.

Marigold Vaughan's Special Dwarf Mixture

MARIGOLD—Continued

Dwarf French Double Sorts 10 in.

3165 **Gold Striped.** Velvety maroon, striped gold. Pkt., 10c.

3175 **Vaughan's Special Mixture of Dwarf Marigolds, Double and Single Varieties.** These dwarf, compact strains are very attractive, each plant being covered with hundreds of small, bright flowers. ¼ oz., 20c; pkt., 10c.

Single Dwarf Varieties

3180 **Gilt Edge.** Velvet maroon, edged with yellow. Pkt., 10c.

3185 **Golden Star.** Flowers have golden yellow petals with purple-red streaks radiating from the center. Pkt., 10c.

3190 **Legion of Honor.** Flowers rich golden-yellow, marked with velvety brown. Best for edging. Pkt., 10c.

3200 **Signata Pumila.** A miniature Marigold forming compact little plants 6 to 8 inches high, and completely covered with flowers, which are bright yellow with brown stripe down the center of each petal. Very striking for edgings. Sow the seed in spring in boxes and transplant. Pkt., 10c. See also Novelties.

MALOPE (Mallow-Wort) □ 2 ft.

Showy plants for large mixed flower and shrubbery borders. The flowers are large and handsome.

3115 **Alba.** Large white flowers. Pkt., 10c.

3120 **Rosea.** Flowers large, blush, shaded pink toward center. Pkt., 10c.

MATTHIOLA

3212 **Bicornis (Evening-scented Stock)** □ 15 in. The flowers in the morning, evening and after a shower emit a delicious perfume perceptible at a considerable distance. ¼ lb., 80c; 1 oz., 30c; pkt., 10c.

MAURANDIA

3215 **Mixed** □ = 10 ft. Slender grower and abundant bloomer. Very desirable for greenhouse and garden. Elegant Gloxinia-like flowers, which range through white, rose, blue and purple in color. Pkt., 10c.

MELOTHRIA

3220 **Punctata** □ = 10 ft. (Musk Vine) (Pilogyne Suavis). Blooms in clusters; flowers small, white and star-shaped, with a strong musk fragrance; leaves green, small and glossy. May be cut down to 6 inches after summer's growth, potted and taken inside. Fruit resembles tiny watermelons. Pkt., 10c.

MINA

3290 **Lobata** □ = 12 ft. A climber of luxurious growth, with tube-shaped flowers; produced in greatest profusion. In color they are particularly attractive, the buds being first bright red, but changing through orange-yellow to creamy white when fully expanded. Pkt., 10c.

MORNING GLORY

See Convolvulus and Ipomoea.

MOURNING BRIDE—See Scabiosa.

MIMOSA

3270 **Pudica (Sensitive Plant)** □ 1 ft. Curious and interesting, pinkish white flowers; the leaves close and droop when touched or shaken. Pkt., 10c.

MIMULUS

3275 **Moschatus (Musk Plant)** □ Musk-scented leaves, tiny yellow flowers. Pkt., 25c.

3280 **Tigrinus (Monkey Flower)** □ 10 in. **Queen's Prize, Single Mixed.** Dwarf bushy plants, with large Gloxinia-like flowers, ranging in color through white, pale yellow, golden, flesh, rose, crimson and maroon; handsomely blotched and striped. Does best in partial shade. Pkt., 10c.

3285 **Tigrinus Fl. Pl. (Double Monkey Flower) Mixed.** Pkt., 10c.

MUSA

3315 **Ensete (Banana Plant)** + 6 ft. A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. The seeds must be started in hot-bed or on bottom heat in greenhouse. 10 seeds, 20c.

MUSK PLANT—See Mimulus.

Myosotis (Forget-Me-Not)

MYOSOTIS (Forget-Me-Not)

They are considered among the best spring flowers and grouped with Pansies and Daises the most lovely combinations may be obtained. The tall varieties are of trailing habit and adapted to covering large patches, which they transform into a sea of blue Respond to good treatment and flourish in shady, moist situations. The national flower of Belgium.

3320 **Alpestris Blue.** Trailing habit. Pkt., 10c.

3325 **Alba.** White. Pkt., 10c.

3330 **Rosea.** Pink. Pkt., 10c.

3331 **Messidor.** Large indigo blue flowers on long stems which makes it a good cut-flower variety. Pkt., 25c.

3335 **Eliza Fonrobert.** Flowers large, sky-blue, with clearly defined white eye. Pkt., 10c.

3340 **Victoria.** The flowers are large, bright azure-blue, with yellow centers. The plants form neat bushes completely covered with blooms. Best for edging. Pkt., 10c.

3345 **Mixed.** Pkt., 10c.

3350 **Star of Love.** Distinct variety with large beautiful blue flowers. Pkt., 25c. See also Novelties.

NASTURTIUM—See next page.

NEMOPHILA (Baby Eyes) □ 6 in.

Hardiest of annuals, and of the easiest culture. Makes a very effective front row to a bed or border, and should be sown out-of-doors in spring, in patches, where they are to flower.

3376 **Insignis Blue.** A popular plant for pots or borders. Pkt., 10c.

3380 **Mixed, all colors.** Cup-shaped flowers in many bright colors, the blue shades being particularly attractive. Pkt., 10c.

Dwarf Nasturtium Vaughan's Special Mixture

Vaughan's Nasturtiums

For ease of culture, duration of bloom, no annual excels the Nasturtium. Needing only moderately good soil in a well-drained, sunny location, they vouchsafe us a profusion of their gorgeous blossoms. The tall varieties are freest bloomers and produce the largest flowers.

Tall Sorts

3580 **Chameleon.** Is unique in bearing flowers of quite distinct coloring on the same plant.
3585 **Dunnett's Orange.** Bright orange.
3590 **Edward Otto.** Brownish-lilac.
3593 **Fordhook Fashion.** Terra cotta on yellow ground, dark-leaved.
3596 **General Jacqueminot.** Rich crimson.
3615 **King Theodore.** Rich, deep crimson flowers, dark leaves.
3620 **Pearl (Moonlight).** Creamy white.
3625 **Prince Henry.** Yellow, marbled-scarlet.
3630 **Shillingi.** Yellow with maroon blotches.
3640 **Emperor of India.** Very dark foliage. Rich, deep scarlet flowers. The best red.
3645 **Twilight.** Yellow, marbled-salmon rose.
3650 **Vesuvius.** Salmon-rose, dark-leaved.
3655 **Von Moltke.** Ruby-red.
Price, each of the above, pkt., 10c; oz., 20c.

Ivy-Leaved

3740 **All with fine fimbriated petals.** Color intense and very striking. Foliage also very beautiful, like Ivy, and vines exceedingly graceful.
Mixed colors. Pkt., 10c; oz., 20c.

Fancy and Variegated-Leaved Varieties

3656 **Golden Cloth.** Scarlet with yellow foliage.
3665 **Variegated-Leaved Varieties. Many colors mixed.** These are of the trailing and climbing class with exquisitely beautiful foliage and very showy flowers. Leaves light green, beautifully marbled and blotched with white. Makes a striking vine with its bright blossoms of many colors.
Each of the above, pkt., 10c.

Dwarf Sorts

They are suitable for a bedding and edging, grow quickly and furnish the greatest abundance of long-lasting, sweet-scented cut flowers.

3460 **Aurora.** Chrome yellow blotched crimson.
3463 **Beauty.** Scarlet splashed-canary.

COLLECTION No. 1
Dwarf Nasturtium, 10 Varieties
Our choice, 1 pkt. each, 75c.

3570 **Vaughan's Special Mixture of Dwarf Nasturtiums**

Dwarf Nasturtiums are most admirably adapted to beds and borders. This mixture is put up by ourselves from named sorts, and contains a large share of the Liliput and the dwarf Chameleon, which have the richest and most varied combination of colors. 1 lb., $1.50; ¼ lb., 45c; 1 oz., 15c; pkt., 10c.

3466 **Bronze.** Burnt bronze color, dark-leaved.
3[illegible] **Cha[illegible]** 's unique in bearing flow-

Lobb's

This class is remarkable for the intensely brilliant colors of its flowers, which are a trifle smaller than those of other sorts. In moderately rich soil they climb higher and bloom brilliantly.

3670 **Black Prince.** Velvety dark foliage.
3680 **Cardinal.** Scarlet flowers, dark foliage.
3685 **Firefly.** Flowers yellow-spotted cardinal-red.
3705 **King of the Blacks.** Black-red.
3708 **Napoleon.** Golden-yellow, spotted brown.
3710 **Princess Victoria Louise.** Cream-white, deep scarlet spot, dark-leaved.
3725 **Virchow (Rose Queen).** The best pink.
Price, each of the above, oz., 20c; pkt., 10c.
3730 **Lobb's Mixture.** A mixture of the above and others. 1 oz., 15c; pkt., 10.

TESTIMONIAL

St. Paul, Minn.

From a packet of mixed double Larkspur seed I received from you this Spring I got flowers of every shade you can imagine—great tall plants which were covered with large double blossoms all summer. The most beautiful Larkspurs in the annual class I have ever seen. MRS. A. N. TAUBERT.

The Canary Bird Vine belongs to the nasturtium family and is a dainty little climber which does well in shade. See page 52.

COLLECTION No. 2
Tall Nasturtium, 10 Varieties
Our choice, 1 pkt. each, 75c.

3745 **Vaughan's Special Mixture of Tall Nasturtiums**

We call especial attention to this mixture. In it will be found all the choicest colors of all the Tall Nasturtiums, the rich, velvety Lobb's varieties, Canary Bird Creeper and the new variegated-leaved varieties. 1 lb., $1.50; ¼ lb., 40c; 1 oz., 15c; pkt., 10c.

SPECIAL OFFER No. 3
1 pkt. each Nasturtium, Vaughan's Special Tall and Dwarf Mixture, 15c.

SPECIAL OFFER No. 4
1 oz. each Nasturtium, Vaughan's Special Tall and Dwarf Mixture, 25c.

DWARF SORTS—Continued

Fancy and Variegated-Leaved Varieties

[illegible]0 **Golden Cloth.** The foliage is of bright [illegible]ellow, while the flowers are intense scarlet.

[illegible]5 **Ivy Leaved Mixed.** Deep green leaves [illegible] distinctive ivy form. The flowers are [illegible]autifully fringed at the edge of the petals [illegible]d at the throat.

[illegible] **Spencer, Mixed.** The curly foliage is [illegible]·y unique and the flowers appear in many [illegible]ght colors.

[illegible] **Variegated-Leaved Mixed.**

[illegible]rice[illegible]. each of above, pkt., 10c; oz., 20c.

TESTIMONIAL

August 31, 1926.

This spring a friend of mine ordered some seeds of you people and she gave me a sample of the Zinnia and Aster seeds. They all grew with the result that the blooms are gorgeous. MRS. F. H. ZAHLER,
Salt Lake, Utah.

Tall Nasturtium Vaughan's Special Mixture

Vaughan's Giant Pansies

PANSIES, with their little flower faces are an inspiration to the poet and to the gardener.

Shakespeare says—"Pansies for thoughts," and every time we look at a pansy flower we think of the wonderful gift to man of this particular ittle "step-mother" flower, as the Germans lovingly call this blossom.

To have a bed of pansies one must start the seed in the house in early spring and transplant when danger of frost is over, or elsc plant in fall in cold frame and winter over. Seeds may also be sown in spring out of doors for late summer and fall flowering. They like a cold, moist situation.

3750 **Adonis.** Light blue with white margin. ⅛ oz.; 50c; pkt., 15c.

3751 **Apricot Queen.** A very pretty apricot, shaded yellow, rather smaller flower. The plants are very free-blooming and compact, which makes it excellent for bedding work. 1/16 oz., 50c; pkt., 20c.

3753 **Auricula Colors.** Metallic shades. ⅛ oz., 50c; pkt., 15c.

3756 **Azure Blue.** Sky-blue. ⅛ oz., 50c; pkt., 15c.

3759 **Beaconsfield.** Upper petals light lavender, lower ones a deep rich purple. ⅛ oz., 50c; pkt., 15c.

3760 **Boulogne Giant Mixture.** The flowers are of the largest size, great substance, fine form and are borne on particularly strong stems. They are mostly 3 and 5-blotched, delicately veined, rich color. 1/16 oz., $2.00; 125 seeds, 50c.

3765 **Bugnot.** Shades of red, bronze and reddish cardinal. 1/16 oz., 50c; pkt., 20c.

3769 **Cassiers 3 and 5-Blotched Mixed.** Mostly light shades with dark blotches. 1/16 oz., 50c; pkt., 20c.

3771 **Coal Black.** A jet black. ⅛ oz., 50c; pkt., 15c.

3776 **Emperor Francis Joseph.** Pure white, large blotch of brilliant violet-blue on each petal. 1/16 oz., 50c; pkt., 20c.

3779 **Emperor William.** Dark navy blue. ⅛ oz., 50c; pkt., 15c.

3782 **Fiery Faces.** Yellow and red. ⅛ oz., 50c; pkt., 15c.

3785 **Mad. Perret.** Lovely shades of pink and rose. ⅛ oz., 50c; pkt., 15c.

3790 **Marechal Niel.** Delicate pleasing, cream color. ⅛ oz., 50c; pkt., 15c.

3793 **Masterpiece (Frilled Pansy).** A remarkable type, each petal being conspicuously curled or waved. The range of color is very extensive, the rich, dark, velvety shades predominating. ⅛ oz., 70c; pkt., 25c.

3795 **Orchid Flowered, Andromeda.** Delicate apple-blossom. 1/16 oz., 50c; pkt., 20c.

3797 **Orchid Flowered Almond Blossom.** Delicate rose. 1/16 oz., 50c; pkt., 20c.

3800 **Orchid Flowered Mammoth.** An odd combination of light greenish yellow ground, with deep purple blotches. 1/16 oz., 50c; pkt., 20c.

3808 **Orchid Flowered Mixed.** Rare light shades, large frilled flowers, very attractive. ⅛ oz., 50c; pkt., 15c.

3812 **Paris Market.** Compact plant with large flowers blotched in contrasting shades. ¼ oz., 40c; pkt., 10c.

3814 **Pink.** Fine shades of pink, same as Hydrangea. ⅛ oz., 50c; pkt., 15c.

3817 **President McKinley.** Fine blotched yellow. ⅛ oz., 50c; pkt., 15c.

3871 **Vaughan's Rainbow Collection of Giant Pansies.** 7 regular sized pkts. for 50c. One each of the following separate packets: Fiery Faces, Pure White, Pure Yellow, Emperor William, Beaconsfield, Coal Black and Cassier Blotched.

Note—We can not make any changes in varieties as we have these put up ready for mailing.

3819 **Purple.** Rich deep purple. ⅛ oz., 50c; pkt., 15c.

3821 **Prince Bismarck.** Light brown. ⅛ oz., 50c; pkt., 15c.

3823 **Pretiosa.** Each petal has a large blotch of deep violet on crimson background, with white edge. ⅛ oz., 50c; pkt., 15c.

3830 **Ruby Red.** ⅛ oz., 50c; pkt., 15c.

3843 **Victoria.** Claret-red. ⅛ oz., 50c; pkt., 15c.

3846 **Violet Blue.** A very pleasing shade. ⅛ oz., 40c; pkt., 15c.

3849 **Volcano.** Deep red with five large blotches, very fine. 1/16 oz., 50c; pkt., 20c.

3851 **Pure White.** Pure white without blotches. ⅛ oz., 50c.; pkt, 15c.

3854 **White, With Eye.** Very large. ⅛ oz., 45c; pkt., 15c.

3857 **Pure Yellow.** Golden-yellow without blotches. ⅛ oz., 50c; pkt., 15c.

3860 **Yellow, With Eye.** Immense flowers. ⅛ oz., 45c; pkt., 15c.

3861 **Early Flowering Giant Mixed.** This strain will bloom about three weeks earlier than any other strain. It has not a complete color range, only eight distinct plain shades being represented, but it has made a place for itself because of its early blooming. Especially recommended for fall sowing. ⅛ oz., 50c; pkt., 15c.

3870 **Chicago Parks Bedding Mixed.** Great diversity of colors, free-flowering, blossoms slightly smaller than the Giant sorts. ¼ oz., 60c; ⅛ oz., 40c; pkt., 10c.

3840 **Giant Trimardeau Mixture.** This is a mixture which we buy abroad. It has a complete color range, but the new and fanciful varieties are not in it which can only be had in our Vaughan's Giant and International Mixtures. ⅛ oz., 40c; pkt., 10c.

3875 **Vaughan's Giant Mixture.** Embraces, besides most of the above shades and colors, five special strains not listed elsewhere in this catalog and which can be had only in this and our International Mixture of Pansies. It includes the richest reds, coppers, and bronzes, together with the most delicate rose-pink shadings and the Masterpiece strain with its delicate veinings and ruffled petals. ⅛ oz., $1.00; 1 pkt., 250 seeds, 25c; 1 pkt., 125 seeds, 15c.

VAUGHAN'S SPECIAL

3880 **Vaughan's International Mixture.** This is and always has been, literally, a World's Best Mixture. Composed of well-rounded, perfect shaped flowers of a wide range of coloring and markings, thick, velvety petals with fluted or semi-double edge, and must stand erect on good stiff stems with a good healthy growth of plant. While every solid color is represented, there are also all the possible variations of each one of these. 3 pkts. (600 seeds), for 65c; 5 pkts. (1000 seeds), for $1.00; ⅛ oz., $1.75; pkt. (200 seeds), for 25c.

VAUGHAN'S SPECIAL

Nemesia Large Flowering Mixed

NEMESIA □ 1 ft.

Free-blooming dwarf bushes for pot culture and open borders. Sow in spring under glass, and transplant; or sow out of doors in May, in patches, where they are intended to flower.

3360 **Large Flowered Mixed.** 1 ft. Is the finest strain of the most popular flower, both for size and massive build of the individual flowers, also for the richness and variety of colors. Pkt., 10c.

3365 **Blue Gem.** One of the best blue annuals for bedding; 7 inches. Pkt., 10c.

3368 **Scarlet.** Pkt., 10c.

3372 **Orange.** Pkt., 10c.

3373 **Rose.** Pkt., 10c.

NIEREMBERGIA

3410 **Gracilis** □ 6 in. Flowers white, shading to and veined lavender, an exceedingly graceful plant for hanging baskets, rockwork, etc. Pkt., 10c.

NIGELLA

3415 **Mixed (Love-in-the-Mist)** □ 1½ ft. A compact, free-flowering plant with finely cut foliage, curious-looking seed pods; of easy culture, growing in any garden soil. Blue and white mixed. Pkt., 10c.

3420 **Miss Jekyll.** A lovely variety, bearing on long stems large semi-double flowers of a lovely tender blue, nestling in fine feathery foliage. Pkt., 10c.

We put this symbol on strains of seed we control. We monopolize them because of their merit. Select these special strains when ordering and you will be pleased.

Nigella Miss Jekyl

NYCTERINIA

3430 **Capensis** □ 9 in. Charming little plants for pots, edgings and rockwork. White with maroon, delightfully fragrant, flowers opening at night. Pkt., 10c.

Ornamental Grasses see page 58.

OXALIS

3445 **Rosea** □ An excellent little plant for edging or pots; blooms all summer in the greatest profusion; flowers dark rose and delicate pink. Pkt., 10c.

3450 **Tropaeoloides,** 3 in. Yellow flowers, rich brown foliage. Pkt., 10c.

PASSIFLORA

3910 **Coerulea Grandiflora (Passion Flower)** ÷ = 15 ft. **Southern Beauty.** A beautiful vine for greenhouse and window. Few effects are more charming than the Blue Passion Flower covering a greenhouse wall with its rich green foliage and sky-blue flowers, followed later by an abundance of handsome fruit. Pkt., 10c.

In Ordering Flower Seeds

It is only necessary to state quantity (number of packets, ounces or pounds) wanted, the number in front of each variety and price.

Nicotiana Affinis

NICOTIANA (Sweet-Scented Tobacco (Plant) □ 2 ft.

One of the easiest annuals to raise and one of the most effective. The blossoms in shape are not unlike a Petunia blossom, but with a longer tube. The flowers open toward evening and emit a powerful perfume.

3390 **Affinis Tuberose - flowered Tobacco.** Most showy and profuse bloomer, giving a continuous display of waxy white flowers right through the summer and autumn. They commence to bloom a few weeks from sowing. The plants are of branching, bushy habit, 2 to 3 feet high; carry their flowers in clusters. Delightfully sweet-scented. Sow seed in boxes or pans in the early spring, and protect from frost and cold winds. Plant out as soon as all danger of frost is over. Pkt., 10c.

3392 **Affinis Hybrida.** Splendid hybrids in blue, red and rose, etc., shades. Pkt., 10c.

3395 **Sanderae.** A lovely hybrid tobacco of elegant branching habit, and bearing on light, graceful stems great quantities of very beautiful rosy carmine flowers. Pkt., 10c.

3397 **Sanderae Hybrids.** All shades. Pkt., 10c.

3405 **Sylvestris,** 4 ft. A noble-looking plant of pyramidal habit, with long, tubular, pure white flowers, borne in dense panicles, and possessing the merit of remaining fully expanded throughout the day as well as in the evening. Pkt., 10c.

Oenothera Giant America

OENOTHERA

These open their flowers in the evening and one can enjoy a thrill in his garden if he will sit for 15 minutes at twilight and watch the Evening Primroses (Oenothera) drop their calyx and unfold their petals. We have had a plant in our garden. The buds are closed when we start the hose going, but before we get through, presto! a wealth of large golden blooms greets us and bids us "good-night."

3435 **Evening Primrose, Mixed** □ ½ to 2 ft. Neat plants, with large, saucer-shaped flowers, white or golden-yellow; open at dusk; emit a delightful perfume. Pkt., 10c.

3440 **Mexicana Rosea.** Bright rose. Pkt., 10c.

3441 **Giant America.** This is a striking variety, as white as snow and as large as a Moonflower. Pkt., 10c.

PENNISETUM (Fountain Grass)

Tender ornamental grasses, valuable either as individual specimens in the garden or for massing, while as for border plants for beds of Cannas or Caladiums nothing equals them.

3920 **Longistylum** □ 2½ ft. Extremely graceful greenish white plumes. Pkt., 10c.

3925 **Rueppelianum.** (Purple fountain grass) graceful green foliage and purplish plumes. Pkt., 10c.

PERILLA

3930 **Nankinensis** □ 1½ ft. Valuable foliage plant, resembling Coleus, dark mulberry-colored leaves. This does especially well in cities as it is not affected by smoke or gas. Seed germinates slowly. Pkt., 10c.

POINCIANA

4230 **Gilliesi (Bird of Paradise)** ÷ The blossoms are of a rich golden-yellow, about 2¼ inches in diameter, produced in large trusses, the most striking feature being the long, incurving stamens and pistils of a beautiful bright crimson color. Seed should be soaked in warm water and started indoors or under glass in a light sandy soil. Plants should be carefully hardened by gradual exposure to fresh air before going into the open ground. If the seed is started early it will produce blooms in great profusion the first year. Pkt., 10c.

PYRETHRUM

4515 **Aureum Golden Feather** □ 6 in. One of the best plants for edging, grown for its beautiful yellow foliage. Most successfully treated as an annual. Pkt., 10c.

Pyrethrum Roseum—See Colored Perennial Pages.

RHODANTHE (Everlasting) □ 1 ft.

A charming annual; succeeds in a light, rich soil and a warm sheltered situation; valuable for pot culture; flowers everlasting.

4530 **Manglesi Rose.** Bright rose flowers, very graceful, makes a pretty pot plant.

4533 **Maculata Alba.** White.

4535 **Maculata Rosea.** Rose.

4540 **Mixed.**

Each of above, pkt., 10c.

Petunias

Petunias
A. Giants of California type.
B. Large flowering single.
C. Balcony type.

For freedom of bloom, variety of color and effectiveness these have no equal. If only a little care is bestowed upon them, Petunias will produce their handsome, sweet-scented flowers in their delicate and gorgeous colors throughout the whole summer.

Double Large Flowering Varieties

3935 **Vaughan's Mixture of Double Petunias.** This is a mixture of the best large flowering and fringed double petunias. Seed is saved from plants grown in pots, carefully pollenized and will produce grand flowers. Of course, every one knows only a certain percentage of double flowers may be expected from seed, but our mixture will produce from 20 to 30 per cent of doubles, while the remainder will be choice, large single flowers. The weaker seedlings should be carefully saved, as those invariably produce the finest double flowers. Pkt., 200 seeds, 30c; 1,000 seeds, $1.35.

Double Large Flowering—Continued

3940 **Lady of the Lake.** Double white fringed.
3943 **Double Heliotrope.**
3946 **Double Red.**
3949 **Double Rose.**
3952 **Double Mixed.** Each of the above, pkt., 125 seeds, 25c.
3955 **Double Small Flowered Mixed.** The flowers of this strain are smaller than those of the above types, but they are produced in greater profusion. Pkt., 300 seeds, 25c.

Single Small Flowering Varieties 1½ ft.

3958 **Alba.** Pure white. Pkt., 10c.
3963 **Adonis.** Carmine rose. Pkt., 10c.
3965 **Countess of Ellesmere.** Rose with white throat. Pkt., 10c.
3970 **General Dodds.** Blood-red. Pkt., 10c.
3975 **Howard's Star.** Crimson-maroon with a clearly defined five-pointed star of blushing white. Pkt., 10c.
3980 **Inimitable.** Blotched and striped. Pkt., 10c.
3981 **Lord Courtney.** Brilliant rose, yellow throat. Pkt., 10c.
3988 **Venosa.** Light red veined. Pkt., 10c.
3995 **Finest Mixed.** ⅛ oz., 25c; pkt., 10c.

Single Dwarf Varieties

Dwarf, neat, compact bushes covered with a multitude of small flowers all summer long, valuable for edging and formal bedding.

3998 **Blue Bird, Nana Erecta Violacea.** A fine companion to Rosy Morn, same habit and freedom of bloom. Color steel blue. Pkt., 25c.
4000 **Carmen Sylva.** Baby blue with white throat. Pkt., 10c.
4005 **Improved Rosy Morn.** A most pleasing clear pink with a broad white throat. A splendid sort for porch boxes, pots and beds. Pkt., 300 seeds, 25c.
4010 **Norma.** Blue with white star. Pkt., 10c.
4015 **Dwarf Inimitable.** Regular white stars on deep old rose ground. Very effective in masses. Pkt., 10c.
4018 **Rose of Heaven.** Color rich brilliant rose, with inconspicuous white throat, darker than Rosy Morn, a compact grower, very free blooming. Pkt., 25c.
4020 **Snowball.** A fine compact sort, producing its pure satiny-white flowers throughout the entire season. Pkt., 15c.
4025 **Vaughan's Special Mixture of Dwarf Small Flowering Varieties** includes all the varieties listed and many others and will be a revelation to those who plant a packet in furnishing an unending supply of flowers in a most bewildering combination of colors as long as the summer lasts. ⅛ oz., 40c; pkt., 10c.

Balcony Varieties

Single large flowering sorts especially recommended for window porch boxes.

4030 **Balcony Queen.** Rich, velvety violet with white blotches. Pkt., 150 seeds, 25c.
4035 **Balcony White.** A beautiful trailing variety. Pkt. 150 seeds, 25c.
4040 **Balcony Blue.** Rich, velvety blue. Pkt., 150 seeds, 25c.
4041 **Balcony Rose.** 150 seeds, 25c.
4036 **Balcony Star.** Red with white star. Pkt. 150 seeds, 35c.
4042 **Balcony Mixed.** The five varieties noted above. 150 seeds, 25c.

Large Single Flowering Varieties

The flowers of this type average 3 to 4 inches in diameter.

4045 **Brilliant Rose Fringed.** Pkt., 150 seeds, 25c.
4050 **White.** Pkt., 150 seeds, 20c.
4055 **Royal Purple.** This makes a beautiful combination if planted with the preceding. Pkt., 150 seeds, 20c.
4060 **Large Flowering Fringed Mixed.** A superb strain of elegant, finely fringed flowers, measuring over 4 in. in diameter; remarkable variety of color. Pkt., 200 seeds, 15c.

Portland Petunias

4056 **Pride of Portland.** Deep rose fringed. Pkt., 25c.
4057 **Scarlet Beauty.** Scarlet fringed. Pkt., 25c.
4058 **Elk's Pride.** Plain, edged black-purple. Pkt., 25c.

Single Giant Flowering Varieties

The flowers of this strain average 5 to 7 inches across and are wonderful.

4065 **Giants of California Mixed.** The flowers are very large and the colors embrace every conceivable shade of crimson, white, violet, lavender, etc. Pkt., 200 seeds, 15c.
4070 **Giant Empress.** Lilac blue with purple veins.
4075 **Giant White.** With yellow throat.
4080 **Giant Silvery Rose.** New.
4085 **Giant Rose.** Very pretty.
4090 **Giant Black Prince.** Darkest.
Each of the above, pkt., 150 seeds, 25c; one pkt. each, 5 for $1.00.
4095 **Triumph of the Giants.** The finest strain of single large-flowering Petunias; the flowers often measure 7 inches across; some of its colors cannot be found in any other mixture and nearly all the flowers are veined in contrasting colors. Pkt., 250 seeds, 35c.
4100 **Vaughan's Best Mixture Large Flowering Single Petunias.** This mixture is made by ourselves and includes, besides the Giant Ruffled, all the colors of the large flowering and fringed sorts, and the unsurpassed Superbissima varieties, with their delicately veined throats in various colors, and their truly mammoth flowers. We are positive no other Petunia mixture can produce flowers with as wide a range of colors as Vaughan's Best. Pkt., 300 seeds, 25c.

Petunia Vaughan's Best Large Flowering Single, Mixed

Petunia Vaughan's Small Flowering Mixed

Phlox Drummondi

The Phloxes are the showiest and most easily raised of all Annuals. We know of nothing which produces such a continuous supply of the most attractive flowers in a most wonderful range of colors. All the tints of the rainhow are represented with all possihle variations of stripes, veins and eyes of contrasting shades. Seed should be sown in the ground as soon as danger of frost is over and in a few weeks the heds are a hlaze of glory.

Grandiflora Varieties □ 1 ft.

This section has heautiful, round-petaled flowers, which overlap each other.

4105 **Alba.** Pure white.

4107 **Alba Oculata.** White with dark eye, a good contrast.

4110 **Atro-purpurea.** Black-brown.
4113 **Brilliant.** Rose with dark eye.
4115 **Carnea.** Flesh color.
4120 **Chamois Rose.**
4125 **Coccinea.** Fiery scarlet.
4130 **Coerulea Striata.** Blue-striped.
4135 **Crown Prince.** Salmony-scarlet.
4140 **Isabellina.** Yellow.
4145 **Kermesina Splendens.** Vivid crimson. with white eye.
4150 **Gold Star.** Pink with gold star.
4155 **Rosea.** Pink.
4160 **Violet.**

Any tbe above, pkt., 10c.

4165 **Splendid Mixture.** 1 oz., $1.25; ¼ oz., 35c; 250 seeds, pkt., 10c.

4175 **Cuspidata Mixed.** Mixture of star-sbaped flowers. Pkt., 10c.

4180 **Semi-Double Varieties Mixed.** Plant in sandy soil and the flowers will be inclined to be more double. Pkt., 15c.

Nana Compacta Dwarf 8 in.

These are much superior to the other Phloxes for rihbon bedding or borders. The plants grow very symmetrical in neat, little bushes, covered with flowers during the whole summer and fall.

4182 **Apricot.** Yellow.
4183 **Fireball.** Blood-red.
4186 **Chamois Rose.**
4189 **Snowball.** Pure wbite.
4192 **Isabellina.** Yellow.
4195 **Sky-blue with White Eye.**
4200 **Salmon Pink.**
4201 **Mirabilis.** Salmon-pink witb wbite eye. Each of tbe above, pkt., 15c.

4205 **Nana Compacta.** Mixed, all colors. Pkt., 10c.

4210 **Cecily.** Mixed, all colors. Flowers are of immense size, tbe coloring very brigbt and nearly all the blossoms display a white eye. Excellent for borders. Plants grow bushy and compact. Pkt., 15c.

For hardy Pblox see Perennial pages.

Annual Phlox

4220 **Vaughan's Special Mixture Phlox.** Contains all the varieties listed bere and several other strains only to be had in tbis mixture, and will delight and astonisb all with its extensive variety of colors. Over 30 different shades will be produced from a single package. 1 oz., $1.60; ¼ oz., 50c; ⅛ oz., 30c; 250 seeds, 15c.

Poppies

Single Annual Poppies

4235 **Admiral.** Glistening wbite, with a broad margin of brilliant scarlet. Pkt., 10c.

4238 **Bride.** Very large pure white, perfectly formed flowers. Pkt., 10c.

California Poppy—See Escholtzia.

4241 **Danebrog or Danish Flag.** Brilliant scarlet flowers, with a silvery spot on each petal, forming a white cross. Pkt., 10c.

4245 **Flanders Poppy.** Vivid scarlet-red. This flower bas in tbe minds of men been associated for over two hundred years with the battlefields of Flanders. Was the first official flower of the American Legion. ½ oz., 25c; 1 oz., 40c; ¼ lb., $1.25; pkt., 10c.

4255 **King Edward.** Flowers deep scarlet, sbaded crimson, with a large black blotch at the base of each petal. Pkt., 10c.

4265 **Persian (Laevigatum or Firedragon).** Dark scarlet, black spots. Pkt., 10c.

4270 **Tulip (Glaucum).** Large tulip-shaped flowers of dazzling scarlet; not unlike a Scarlet von Tbol Tulip. Pkt., 10c.

Poppy Special Double and Single Mixed

Poppy Shirley

Shirley Poppies (Silk or Ghost)

These have beautiful satiny flowers of various colors, all with white centers, which make the plants very attractive. Foliage is hairy and finely cut.

4277 **American Legion.** A dazzling orange-scarlet of enormous size, borne on long, stout stems. Pkt., 15c; oz. 80c.

4278 **Blue Shirley.** Various shades of blue. Pkt., 10c.

4280 **Wild Rose Shirley.** Shades of rose and pink. Pkt., 10c.

4285 **Shirley Mixed.** Beautiful colors in delicate shades of rose, apricot, salmon-pink, and blush to glowing crimson with a sprinkling of blues. Oz., 30c; pkt., 10c.

4291 **Eldorado. 2 ft.** The flowers are large, single, semi-double and double, and contain magnificent shades of soft salmon, orange, orange-scarlet, pink, rose and white, without any dark markings whatever. The substance of tbe petals in some of the lighter shades is as delicate as China silk. Pkt., 10c.

4295 **Eldorado Salmon Shades, 2 ft.** The introducer made a selection of these most popular shades and these will especially appeal to those admiring pastel shades in flowers. Pkt., 15c.

For Iceland and Oriental Poppies
See Perennial Pages

Double Annual Poppies

4315 **American Flag.** Flowers very large, snow-white, scarlet bordered. Pkt., 10c.

4320 **Fairy Blush.** Tbe flowers have the effect of large featbery balls, overcast witb a rosy shade. Pkt., 10c.

4325 **Giant Double Pure White.**
4330 **Giant Double Pale Yellow.**
4335 **Giant Double Pink.**
4338 **Giant Double Cardinal Red.**
4340 **Giant Double Lilac.**
4345 **Giant Double Salmon.**
4350 **Giant Double Heliotrope.**
4353 **Giant Double Plum Violet.**
Each of the above, pkt., 10c.

4341 **Ryburgh Hybrid.** The flowers are double and resemble a Giant Carnation, with flat petals overlapping like a Double Begonia. The colors embrace all shades of pink, salmon, orange, etc., all self-colors. Pkt., 20c.

4355 **Mikado.** Flowers brilliant scarlet and white with elegantly curled petals, like Japanese Chrysanthemum. Pkt., 10c.

4360 **Scarlet King.** Pkt., 10c.

4365 **White Swan.** Fringed double wbite. Pkt., 10c.

4368 **Double Shirley.** Beautiful double satiny flowers in shades of white, pink and old rose with white center. Pkt., 10c.

4375 **Carnation-Flowered Mixture of Double Poppies.** Large sized flowers of all sbades, many striped. Oz., 30c; ½ oz., 20c; pkt., 10c.

4380 **Peony-Flowered Mixture.** Double ball-shaped flowers of gigantic size. Oz., 30c; ½ oz., 20c; pkt., 10c.

4383 **Rhoeas Fl. Pl. Double French Mixture.** Double form of the Shirley type. Oz., 30c; ½ oz., 20c; pkt., 10c.

4390 **Vaughan's Special Mixture, Double Poppies.** This includes all the above sorts, and will produce charming flowers in an endless variety of colors. ¼ lb., $1.25; 1 oz., 40c; ½ oz., 25c; pkt., 10c.

4310 **Vaughan's Special Mixture Double and Single Poppies.** Comprises not only all the double and single Poppies described, but also a number of other sorts especially purchased for this mixture, including some entirely new ones. ¼ lb., $1.25; 1 oz., 40c; ½ oz., 25c; pkt., 10c.

4305 **Vaughan's Special Mixture, Single Poppies.** This mixture includes all the choice single listed Poppies and many otber kinds not listed. It is really extra choice. Lb., $4.00; ¼ lb., $1.25; 2 oz., 75c; 1 oz., 40c; pkt., 10c.

Portulaca Single Mixed

RICINUS (Castor Bean) □

Stately, strong growing plants, with very ornamental foliage, well adapted as center plants of groups of Cannas, Dahlias, etc. Moles are troublesome in many gardens, but they may be kept away by planting Castor Beans in the borders.

4545 **Cambodgensis.** 6 to 8 ft. Large palm-like leaves of darkest maroon; stalk nearly black. 1 oz., 20c; pkt., 10c.

4546 **Crimson Spire.** The bushy plants grow 6 to 8 ft. high with large palmate leaves of a lustrous purple color gradually changing to bronzy-green, with red stems, stalks and vines. The numerous large seed spikes are brilliant rosy-crimson. Pkt., 15c.

4547 **Borboniensis Arboreus.** 15 ft. Immense plants with green foliage. Oz., 20c; pkt., 10c.

4548 **Gibsoni.** Mulberry-colored foliage. Oz., 25c; pkt., 10c.

4550 **Panormitanus.** 8 to 10 ft. Huge leaves of a peculiar old bronze shade; stems blue powdered. 1 oz., 25c; pkt., 10c.

4555 **Sanguineus.** 6 ft. Green leaved, red stems. 1 oz., 20c; pkt., 10c.

4560 **Zanzibariensis Mixed.** 10 to 12 ft. The ornamental leaves, beautifully lobed, are 2½ to 4 ft. across. Each plant makes a perfect pyramid of foliage. 1 oz., 20c; pkt., 10c.

4565 **Zanzibariensis Enormis.** 1 oz., 25c; pkt., 10c.

4570 **Mixed.** Many sorts. 1 oz., 15c; pkt., 10c.

Ricinus Zanzibariensis Mixed

Portulaca

(Rose Moss) □ 6 in.

This plant will grow and bloom profusely in a dry, hot situation, where almost any other plant would soon die. Easily transplanted. In sowing mix the seed with dry sand to insure an even distribution. Sow in May when the ground is thoroughly warmed through, and very soon one of the loveliest of floral carpets will appear. Sow between stepping stones.

Large Flowering Single

4400 **White.**
4405 **Yellow.**
4410 **Pink.**
4415 **Striped.**
4420 **Scarlet.**

Each of the above, oz., $1.00; ¼ oz., 35c; pkt., 10c.

4425 **Parana.** The flowers are fully twice as large as those of other Portulacas and of the most dazzling purple-scarlet. Pkt., 10c.

4430 **Single Mixed.** Lb., $6.00; ¼ lb., $1.70; 1 oz., 60c; ¼ oz., 20c; pkt., 10c.

Large Flowering Double

4435 **White.**
4438 **Yellow.**
4440 **Pink.**
4443 **Scarlet.**

Each of the above, pkt., 10c.

4455 **Double Best Mixture.** 1 oz., $2.50; ⅛ oz., 50c; pkt., 10c.

Primula

(Chinese Primrose)

This is one of the most charming winter flowering house plants. Our seed has been specially grown for us by the most celebrated English Primula specialist. The flowers are remarkable, not only for size, beauty and brilliancy of the colors, but for the great substance of the petals.

4460 **Good Mixture of Single Varieties.** Pkt., 15c.

4465 **Vaughan's International Mixture.** Our mixture contains all the choicest colors of the single-flowering Primulas in all their dainty shades. 100 seeds, pkt., 35c. VAUGHAN'S SPECIAL

Primula—Various Sorts

4475 **Malacoides ÷ 10 in.** The flowers are of a delicate shade of lavender, produced in whorls on tall graceful spikes in great profusion. Pkt., 25c.

4478 **Malacoides Rosea.** Pkt., 25c.

4480 **Forbesi Baby Primrose ÷ 10 in.** The flowers are very graceful, of the most pleasing rose color with yellow eyes and are borne on erect stems. Pkt., 15c.

Primula Auricula and Veris—See Perennials.

Primula Obconica Grandiflora

This is one of the most beautiful Primulas for pot culture and also succeeds well in the open border during the summer.

4490 **Rosea Pink.** Pkt., 200 seeds, 25c.

4495 **Obconica Grandiflora Mixed.** Good mixture. Pkt., 200 seeds, 15c.

Primula Obconica Gigantea

The leaves are dark green, thick and leathery, roundish, veined at the edges and often measure six inches in diameter. The flower stalks are stiff and strong. The flowers are of good shape, measure from 1¼ to 1½ inches in diameter, and are borne in clusters up to 4 inches across. Should not be planted in leaf mould or peaty soil.

4500 **Gigantea Rosea.** A beautiful clear rose. Pkt., 200 seeds, 25c.

4505 **Gigantea Mixed.** Pkt., 200 seeds, 25c.

ROSE

4575 **Polyantha Nana.** 1 ft. Miniature Fairy Roses, forming little bushes covered with dainty little single and semi-double flowers, six months after sowing. Pkt., 10c.

RUDBECKIA

4580 **Bicolor Superba (Coneflower)** □ 2 ft. Produces an abundance of bright yellow flowers with brown central disc; fine for cutting. Pkt., 10c.

Portulaca Double Best Mixed

SALPIGLOSSIS □ 2½ ft.

Undoubtedly one of the most attractive annuals and should be in every garden. The blossoms are tube-shaped much like a Petunia but rivaling the latter in the beautiful colors displayed. Each flower is veined with a glint of gold, and it is the only flower to our knowledge possessing this odd characteristic. The Salpiglossis is deservedly known as the Orchid of Hardy Annuals. If you are not familiar with this, try one package and we know your garden will always contain it after you have seen it.

4590 **Bright Crimson.**
4595 **Faust.** Black.
4600 **Pink.**
4605 **Velvety Violet.**
4610 **Golden-Yellow.**
4611 **Light Blue and Gold.**
4612 **Purple and Gold.**
4613 **Scarlet and Gold.**
4614 **Velvety Red.**

Each of the above, per pkt., 15c.

4615 **Gloxiniaflora Mixed** □ 2½ ft. A special selection of the Painted Tube Tongue made by a French hybridizer. Flowers large and fancifully veined in contrasting colors. Pkt., 15c.

4625 **Emperor Mixed.** Large improved strain, complete range of colors. Pkt., 10c.

4630 **Vaughan's Special Mixture.** This mixture is put up by ourselves of separate varieties and is without doubt the best mixture obtainable. ⅛ oz., 35c; pkt., 15c. VAUGHAN'S SPECIAL

Salpiglossis Vaughan's Special Mixture

Vaughan's Sweet Peas

Butterfly or Spencer Varieties

THE most beautiful blossom in shape, size, color and fragrance, produced so abundantly and long on lightsome, free-hearted, happy plants. Its flowers dance and sparkle in the sunlight the whole summer through, ever changing, yet ever beautiful. You can cut armfuls of flowers yet it smiles and pursues its beneficent way. It is easy to grow Sweet Peas, because they fairly spring into radiant life in the hands of those who love them.

4985 **Appleblossom.** Standard rose, showing veins of deeper rose, wings light carmine, the whole color overspreads on primrose. Oz., 30c; pkt., 10c.

4986 **Austin Frederick Improved.** A new lavender. Oz., 30c; pkt., 10c.

4990 **Blanche Ferry.** Standard bright carmine-rose and wings white, suffused and tinted with light pink. Oz., 25c; pkt., 10c.

5000 **Blue Picotee.** White, edged violet-blue. Oz., 30c; pkt., 10c.

5005 **Colne Valley.** Lavender-blue self. Oz., 30c; pkt., 10c.

5015 **Commander Godsall.** New, violet-blue. Oz., 30c; pkt., 10c.

5020 **Constance Hinton.** Of enormous size. The best white for outdoor planting. Oz., 30c; pkt., 10c.

5025 **Crimson King.** A rich deep crimson, the best red, does not burn. Oz., 30c; pkt., 10c.

5026 **Defiance.** A fine large orange-scarlet. Oz., 50 ; pkt., 15c.

5040 **Dobbie's Lavender Geo. Herbert.** Improved Florence Nightingale opens a little mauvish, but clears to pure lavender. Oz., 30c; pkt., 10c.

5041 **Edna May Improved.** Pure white. Oz., 30c; pkt., 10c.

5050 **Elfrida Pearson.** Large deep blush waved buds and young flowers having a bronze sheen. Oz., 30c; pkt., 10c.

5065 **Fiery Cross.** A new shade of Turkey-red or military red. Oz., 30c; pkt., 10c.

5066 **George Shawyer.** Giant salmon-rose. Oz., 30c; pkt., 10c.

5095 **Giant Attraction.** Fawn-pink, cream ground. Oz., 30c; pkt., 10c.

5105 **Golden Glory.** Glowing orange. Oz., 30c; pkt., 10c.

5115 **Hawlmark Salmon Pink.** A wonderful shade. Oz., 30c; pkt., 10c.

5116 **Hebe.** Large bright pink. Oz., 30c; pkt., 10c.

5117 **Heavenly Blue.** A new delphinium-blue. Pkt., 15c.

Vaughan's Special Mixture

5320 **Spencer Varieties.** This mixture is one we make ourselves from named sorts of late flowering ruffled or Spencer varieties and a few of the early flowering ruffled. The result will be a gorgeous display of wonderful blossoms for a long period of time if cultural directions are followed in planting seed and subsequent care in watering. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., $2.00.

VAUGHAN SPECIAL

5130 **Illuminator.** Bright salmon, cerise sparkling with orange. Oz., 30c; pkt., 10c.

5135 **King Edward VII.** Rich waved crimson. Oz., 30c; pkt., 10c.

5145 **King White.** Produces gigantic flowers absolutely pure white. Oz., 30c; pkt., 10c.

5146 **Majestic Cream.** Rich deep cream. Oz., 30c., pkt., 10c.

5165 **Margaret Atlee.** Apricot pink on cream ground. Oz., 30c; pkt., 10c.

5167 **Mary Pickford.** Dainty cream-pink, suffused salmon. Pkt., 15c.

5180 **Masterpiece.** Clear lavender self, slightly flushed rose on standard. Oz., 30c; pkt., 10c.

5184 **Miss California.** Orange-salmon with cream-pink. Pkt., 15c.

5194 **Picture.** Flesh pink suffused creamy apricot. Oz., 30c; Pkt., 10c.

5195 **Mrs. Tom Jones.** Bright delphinium-blue, a very attractive color. Oz., 30c; pkt., 10c.

5196 **President Harding.** Peach-red, a new shade. Oz., 30; pkt., 10c.

5197 **Ravenswing.** Deep maroon. Oz., 30c; pkt., 10c.

5255 **Royal Purple.** The best purple. Oz., 30c; pkt., 10c.

5260 **Royal Scot.** The most brilliant scarlet. It does not fade or burn in the hottest sunshine. Oz., 30c; pkt., 10c.

5280 **Tangerine.** Deep orange-colored flower, almost approaching the color of a tangerine orange. Oz., 30c; pkt., 10c.

5285 **The Cardinal.** Brilliant poppy-scarlet. Oz., 30c; pkt., 10c.

5310 **Warrior.** Rich chocolate-maroon. Oz., 30c; pkt., 10c.

5311 **Youth.** Large white, pink picotee edge. Oz., 50c; pkt., 15c.

5630 **Sweet Peas, Vaughan's Prize Mixture.** The daintiest colors of all the Spencers. Large Flowering and Unwin types as well as darker combinations make a garden planted with these a continual joy. 1 lb., $1.50; ¼ lb., 40c; oz., 15c; pkt., 10c.

VAUGHAN SPECIAL

10 Best Sweet Peas

5325 Each year this collection is revised, newer varieties being included as the older ones are dropped.

Price, one (regular size) packet of each for 50c. If purchased separately would cost $1.00. We cannot make any change in varieties.

White	Edna May Improved
Salmon Pink	Hawlmark Pink
Crimson	Crimson King
Blue (Light)	Colne Valley
Lavender	Austin Frederick Improved
Cream Pink	Picture
Orange	George Shawyer
Dark Blue	Commander Godsall
Maroon	Warrior
Picotee	Youth

Stock Giant Perfection Mixed

Stocks

Large Flowering ☐ (Levkojen)

The Stocks represent all the desirable qualities of a flower. The plants have good habit, fine dull or glossy leaves. The flowers appear on long, stiff stalks like small rosettes, are exceedingly fragrant and range through a most complete scale of all the soft and distinct shades.

Dwarf German 10 Weeks 1 ft.

This class is a favorite for outdoor bedding.

4830 White
4835 Canary Yellow
4838 Flesh
4841 Rose Pink
4845 Crimson
4850 Light Blue
4853 Mauve (Water Blue)
4856 Dark Blue

Each of the above, pkt., 10c.

4865 Best Mixed. Pkt., 10c.

4970 Vaughan's Special Mixture of Stocks. Contains all the above and many others not cataloged. Pkt., 15c.

VAUGHAN SPECIAL

STOCKS—Continued

Giant Perfection "Cut and Come Again" 1½ ft.

Useful for outdoor bedding as well as for pots or cut-flowers. They throw out numerous side branches, all bearing very double, fragrant flowers.

4875 White
4880 Canary Yellow
4885 Pink
4890 Old Rose Improved. A favorite color in Garfield Park Conservatory in Chicago.
4895 Scarlet
4905 Light Blue
4915 Dark Blue
4900 Empress Augusta Victoria. Silvery lilac.
4910 Heatham Beauty. A rich mauve, shaded terra cotta.

Each of the above, pkt., 10c.

4920 Giant Perfection Mixed. ⅛ oz., 40c; pkt., 10c.

Bismarck 2½ ft.

If sufficient room is given, the plants develop to enormous dimensions, forming magnificent bushes with long and large flower stalks. The best variety for greenhouse use.

4925 White
4930 Lilac
4940 Gold Ball
4945 Blood-red
4947 Flesh
4948 Golden Rose
4946 Chamois. A florist in Desplaines, Ill., received $50.00 as a prize for a vase of these as the best color of its class.

Each of the above, pkt., 15c.

4949 Bismarck Mixed. Pkt., 15c.

Stocks Bismarck Mixed

Statice Sinuata Mixed

STATICE

Our annual Statice is not only a beautiful flower in the border, but dries retaining its true colors, which are rare among everlastings, and have come to be indispensable in making winter bouquets.

4795 Russian (Suworowii, or Rat Tail) 1 ft. Flowers bright rose color. Pkt., 15c.
4800 Bonduellii. Producing numerous heads of bright yellow flowers. Pkt., 10c.
4801 Sinuata Rosea Superba. A charming new bright color. Pkt., 10c.
4802 —True Blue. A new deep blue. Pkt. 10c.
4804 —White. Pkt., 10c.
4805 —Mixed. Pkt., 10c.

SWEET ROCKET

See Hesperis in Perennial Pages.

SWEET WILLIAM

See Dianthus Barbatus in Colored Perennial Pages.

February 6th is Saint Dorothy's Day, the patron saint of gardeners. That would be a lucky day to make out your order for seeds if you haven't already done so.

Sweet Peas, Early Flowering Spencer

Sweet Peas Early Flowering Spencer Mixed

A new race of Sweet Peas, having the large waved flowers of the Spencer type, but flowering fully one month earlier, they also continue to flower for a much longer period. Excellent for greenhouse planting.

25 seeds in a packet except where noted.

5340 All-White. The best white seeded. Oz., 60c; pkt., 10c.
5345 Amethyst. An early flowering "Royal Purple." Oz., 50c; pkt., 10c.
5365 Aviator. Scarlet. Oz., 50c; pkt., 10c.
5375 Blue Bird. A magnificent violet-blue. Oz., 60c; pkt., 10c.
5385 Columbia. The best pink and white (Early Blanche Ferry). Oz., 50c; pkt., 10c.
5395 Cream. It has immense blossoms very frilled. Oz., 50c; pkt., 10c.
5410 Fire King. Orange-scarlet. Oz., 50c; pkt., 10c.
5420 Glitters. Standard bright fiery orange, wings deep orange. Oz., 60c; pkt., 10c.
5425 Gorgeous. Salmon-rose. Oz., 60c; pkt., 10c.
5430 Grenadier. A glowing poppy-scarlet. Oz., 75c; pkt., 25c.
5460 Irene. A very fine bluish lavender. Oz., 50c; pkt., 10c.
5461 Lavender King. A new lavender. Oz., 50c; pkt., 10c.
5485 Miss Louise Gude. Brilliant pink. Oz., 60c; pkt., 10c.
5490 Mrs. Chas. A. Zvolanek. Clear lavender. Oz., 60c; pkt., 10c.
5491 Mrs. Kerr. The best salmon. Oz., 75c; pkt., 25c.
5492 New Blue. Deep blue. Oz., 75c; pkt. 15c.
5493 Orange King. Glowing intense orange (10 seeds). Pkt. 25c.
5494 Rose Dore. Rose-pink suffused orange. Oz., 60c; pkt., 15c.
5520 Rose Queen. Rose-pink. Oz., 60c; pkt., 10c.
5540 Snowstorm Improved. Flowers large, pure white of great substance. Oz., 60c; pkt., 10c.
5541 Starlight. A clear lavender-blue. Oz., 75c; pkt., 25c.
5542 Sweet Lavender. Pure lavender self. Oz., 60c; pkt., 15c.
5550 The Beauty. Fiery dark rose. Oz., 60c; pkt., 10c.
5570 Yarrawa. Rose, changing light pink, standard tinted buff. Oz., 50c; pkt., 10c.
5580 Zvolanek's Blue. Bright blue. Oz., 60c; pkt., 10c.
5585 Zvolanek's Rose. A giant rose-pink. Oz., 60c; pkt., 10c.
5586 Zvolanek's Orange. Oz., 60c; pkt., 10c.

5595 Vaughan's Special Mixture. Early Flowering Spencers. Oz., 60c; pkt., 15c.

5600 Rainbow Collection of Early Flowering Spencer Sweet Peas. 1 pkt. each of 10 varieties noted below for 75c.

Lavender—Sweet Lavender
Rose—Zvolanek's Rose
Orange—Orange King
Pink and White—Columbia
White—All White
Blue—New Blue
Red—Aviator
Cerise—Glitters
Rose Pink—Rose Dore
Purple—Amethyst

Thunbergia Mixed

THUNBERGIA

5640 **Alata, Mixed (Black-Eyed Susan)** □ = 5 ft. A lovely trailing plant with large showy flowers. It will trail over the ground, forming a dense mat of foliage and flowers. Colors range through all shades of yellow, orange, buff, to pure white, mostly with jet-black centers, or eyes, which are very effective. Sometimes called "Black-eyed Susan." All colors mixed. Pkt., 10c.

TITHONIA ①

5641 **Speciosa Mexican Sunflower.** A rare plant from Mexico. Perennial throwing up from the root many stout, woody stems furnished with rather large foliage. The flowers are large and remind one of an immense single Zinnia; color, dazzling orange-scarlet. It forms a large shrubby plant, flowers for a long period and is especially desirable for planting among shrubs or in the background of wide borders; will also bloom in winter in the house, if lifted before frost. Pkt., 25c.

HEDGES FROM SEED

Marvel of Peru (Four O'Clock), Salvia (Flowering Sage), Kochia (Summer Cypress or Burning Bush).

TORENIA

5645 **Fournieri** □ + 10 in. Bushy globular plants literally covered with the lovely, richly-colored snapdragon-like flowers of a delightful sky-blue. They are excellent for beds, pots or hanging baskets. Pkt., 10c.

5650 **White Wings.** Flowers white with rose throat. Pkt., 10c.

TRACHELIUM

5656 **Coeruleum.** Free-growing annual having large cloud-like heads of tiny blue flowers resembling Gypsophila. Height, 18 in. Makes a fine pot plant. Pkt., 25c.

TRITOMA

5655 **Hybrida Mirabilis** □ An annual Red-Hot Poker Plant. Seed should be sown in temperate heat from January to March, pricked off and treated like half hardy annuals. The seedlings may be planted in open ground from end of April to May and they will bloom freely from August to late in the autumn. Pkt., 15c.

Viscaria Mixed

Vinca Rosea Mixed

VINCA ROSEA (Periwinkle) + 1 ft.

Ornamental free-blooming plants, with dark laurel-like foliage and handsome pink and white flowers. Seed should be sown early and then the plants will bloom the first summer. They can be taken up in the fall like Chrysanthemums, potted, and kept in bloom through the winter. Seed germinates slowly.

5775 **White.**
5780 **Delicata.** Soft pink.
5785 **White with Eye.**
5790 **Pink.**
Each of above, pkt., 10c.
5800 **Vinca Rosea Mixed.** Pkt., 10c.

VISCARIA

5805 **Mixed** □ 1 ft. Very showy and effective garden annual, producing freely throughout the summer large single flowers in red, white and blue shades. Very bright and effective for beds and useful for cutting. Pkt., 10c.

SEEDS AS GIFTS

You can "Say It with Flowers" in a way that will be long remembered. What will give more lasting pleasure to your gardening friend than a few packets of seeds of rare flowers? Include your card with your order, and we will forward to any address in a neat parcel prepaid.

Vaughan's Verbenas

Verbena is one of the most popular garden annuals and lends itself willingly to many uses. For beds, borders and window boxes it is particularly fine, and is frequently used for an undergrowth to tall plants like lilies. The clusters of showy and often fragrant flowers are borne in constant succession from June until frost.

Gigantea

This is a new strain of grandiflora verbenas; the plants are compact growers, bearing immense trusses, the individual florets measuring an inch and over in diameter.

5701 **Gigantea Alba.** Pure white.
5702 **—Coccinea.** Scarlet, small eye.
5703 **—Lucifer.** Vivid scarlet self.
5704 **—Luminosa.** Luminous flame-pink shading to salmon.
5705 **—Rose Cardinal.** Carmine-rose with large white eye.
5706 **—Rosea Stellata.** A pure rose-pink, with large white eye.
5707 **—Violacea Stellata.** Deep violet, white eye.
5708 **Gigantea Mixed.** A wonderful mixture of large flowering varieties. The flowers are, as the name indicates, gigantic, and with white eye, the reds particularly attractive.
Each of above, Pkt., 25c.

5730 **Vaughan's Best Mixture.** It includes the dazzling Defiance, the Mammoth White, Purples, Striped, and all the Auricula flowered varieties with their large umbels of white-eyed flowers. We feel perfectly safe in stating this mixture of Verbenas will eclipse every other strain offered by any other house, and it will produce flowers that will delight all beholders throughout summer. 1 oz., $3.00; ⅛ oz., 50c; large pkt., 25c; pkt. 125 seeds, 15c.

Hybrida

5660 **Defiance.** An intense scarlet.
5661 **Lucifer.** Vivid scarlet self.
5665 **Dark Blue with White Eye.**
5670 **Lutea.** Yellow.
5675 **Striped.** Mostly light colors with red and blue stripes.
5680 **White.** Dense heads of finely shaped white flowers.
5685 **Mayflower.** Various shades of pink.
5695 **Firefly.** Intense red.
5700 **Purple Shades.** Dark purple.
Each of the above, pkt., 10c.
5715 **Mammoth Mixed.** Producing in handsome umbels flowers of large size in beautiful shades of white, rose, scarlet, blue, purple. ¼ oz., 40c; pkt., 10c.

5750 **Citriodora (Lemon-Scented Verbena)** ÷ An old favorite with fragrant evergreen leaves. It is a low-growing tender plant and may be grown in the garden in summer and in pots in winter, and the leaves dried and laid among linens. Pkt., 10c.
5755 **Erinoides.** Forming elegant little spreading bushes with finely cut foliage and pretty heads of bloom, purplish-rose changing to Oxford blue. Pkt., 10c.
5760 **Erinoides Alba.** Of the same character as the Erinoides purple, but with white flower heads, very pretty. Pkt., 10c.
5765 **Venosa** 1 ft. Largely used for bedding purposes, strong, thrifty grower covered with bright purple and heliotrope flowers. All the Chicago Parks use this extensively as a bedding plant with alyssum as a ground cover for the heliotrope-like flowers. Pkt., 10c.

Verbena Vaughan's Best Mixed

Salvia Splendens America

SALVIA

The Salvia Splendens is a standard bedding plant that keeps the garden bright with color until late in autumn. This plant lends itself to many uses; it makes a good pot plant, does well in window boxes and is useful for cutting. Its best use, however, is as a hedge or border plant, for brilliant color effect.

4640 **America, or Globe of Fire.** This is the freest and most continuous bloomer; also the most uniform in habit of growth, which makes it particularly valuable for bedding or planting in lines. Pkt., 25c.

4650 **Fireball.** 1½ ft. The bushy plant is covered with a great number of flower spikes of the most fiery scarlet. The plants branch freely, the side shoots often producing 4 to 6 flowering spikes. Pkt., 15c.

4655 **Clara Bedman or Bonfire.** 2 ft. The spikes grow erect and stand clear above the foliage. The plants form handsome globular bushes. Pkt., 10c.

4660 **Drooping Spikes.** 2½ ft. This large-flowering variety has three times the flowering capacity on each spike as the ordinary Salvia Splendens. Pkt., 10c.

4665 **Maroon Prince.** 2 ft. Particularly rich and royal color. A purple-violet with a velvety sheen. Pkt., 15c.

4670 **Zurich.** Early. The plants are dwarf and compact with large brilliant flower spikes. Pkt., 15c.

4675 **Mixed.** The above sorts and others. Pkt., 10c.

4680 **Coccinea.** 2 ft. Annual scarlet sage. Pkt., 10c.

4683 **Farinacea.** 3 ft. Tall spikes of silvery lavender blooms form a dense mass of foliage. Pkt., 10c.

Saponaria Mixed

SANVITALIA

4690 **Procumbens Fl. Pl.** □ 6 in. Small double yellow flowers produced in abundance all summer; excellent edging plant. Pkt., 10c.

SAPONARIA

4691 **Vaccaria Rose** □ 2 ft. In the Parisian flower markets this Saponaria is one of the special favorites. The light graceful sprays of glistening flowers are produced in greatest profusion. It is so valuable for vase decoration that successional sowings should be made. Charming pot plant for greenhouses.

4693 **Alba.** White.

4692 **Vaccaria Mixed.**

Each of the above, pkt., 10c.

SENSITIVE PLANT—See Mimosa.

SCABIOSA (Mourning Bride) 2½ ft. □

Commonly known as the Pincushion Plant. The flower stems are long and the blossoms keep well in water. The soft shades predominate. When given plenty of room and the seed vessels are kept regularly picked off, it will last through the whole summer. Owing to its sweetness the bees are very fond of it and its floral flavors also attract all the most beautiful types of butterflies to the neighborhood.

Large Flowering Double

4695	**Snowball.**	4715	**Azure Fairy.**
4700	**Golden Yellow.**	4720	**Cherry Red.**
4705	**Flesh.**	4725	**Black Prince.**
4710	**Fiery Scarlet.**	4730	**Rose.**

4731 **Amethyst or Ageratum Blue.**

Each of above, per pkt., 10c.

4740 **Vaughan's Special Mixture.** Many new colors have been purchased for this, our latest special mixture, and we are sure the delicate and soft colors will be admired by all our friends who plant a packet of this seed. ¼ oz., 25c; pkt., 10c

VAUGHAN'S SPECIAL

See front cover for illustration.

SCARLET RUNNER

4766 In northern locations where summers are cool and short this takes the place of the Large Lima Beans. Plants are of strong quick growth, bearing large sprays of bright scarlet pea-like flowers. When fully ripened the dry beans are of bright scarlet, heavily blotched with purple. Pkt., 10c.

SILENE

4775 **Armenia Mixed** □ 1½ ft. **(Catchfly.)** A very showy early-flowering hardy annual, bearing in quantity, heads of beautiful white, pink and red flowers. Pkt., 10c.

SMILAX + = 6 ft.

4780 Makes a fine pot or basket plant. Elegant for table decoration when cut. Pkt., 10c.

SNAPDRAGON—See Antirrhinum.

SNOW ON THE MOUNTAIN—See Euphorbia Variegata.

SOLANUM

4785 **Capsicastrum Nanum** ÷ 2 ft. **(Jerusalem Cherry.)** Easily grown plants with ornamental fruit. Especially fine for pots. Pkt., 10c.

4790 **Cleveland Cherry.** This is an improvement on Jerusalem Cherry. Differs from it in habit of growth, which is dwarf and compact and the larger number of berries produced. One of the best house plants for window decoration. Pkt., 15c.

SUNFLOWER—See Helianthus.

SWEET WILLIAM—See Dianthus Barbatus in colored Perennial Pages.

SURPRISE GARDEN MIXTURE

5848 This is not a mixture of wild flowers, but of garden annuals, with a few wild species added. It contains a large number of different kinds, all of them quite hardy and varieties that will grow with the least amount of care and produce quantities of flowers for a long period. Indeed, there are so many kinds appearing in endless succession that it is a continual surprise from the time the first plant begins to blossom. We recommend it for vacant lots and waste pieces of ground. Oz., 25c; ¼ lb., 75c; lb., $2.60.

Schizanthus Garaway's Hybrids

SCHIZANTHUS

This is one of the daintiest of annuals. The seed germinates readily and in a few weeks the plant is a mass of small but bright flowers in a bewildering range of colors, all blotched and marked in contrasting shades. The foliage is delicate and fern-like. It may be sown in spring for garden decoration or may be seeded in fall in pots in the conservatory or house for spring blooming.

4755 **Grandiflorus, Garaway's Hybrids.** A grand strain bearing a profusion of large flowers, all with handsome markings on a white, buff, brilliant rose, rich blue or purple ground. Pkt., 25c.

4756 **Grandiflora Hybrids. Rose and Amber Shades.** Quite a new strain of pink and rose tints, mostly heavily blotched gold and bronze but also contains some very delicate and pleasing pinks. Pkt., 25c.

4760 **Wisetonensis.** 1½ ft. Profusion of flowers varying from almost white with yellow eye to a brilliant rose with bronzy-brown center. Pkt., 15c.

4765 **Mixed, all colors.** ¼ oz., 15c; pkt., 10c.

SPIDER PLANT—See Cleome Pungens.

STEVIA

4825 **Serrata** □ ÷ 2 ft. Free-blooming plants, bearing a multitude of fragrant pure white flowers; suitable for summer or winter blooming and cutting. Pkt., 10c.

STREPTOCARPUS

4826 **Largest Hybrids.** 9 in. Handsome pot plants, bearing for a long time in succession large trumpet-shaped flowers, ranging in color from lavender, purple, and rose to pure white. Seedlings raised in early spring flower in summer. Pkt., 25c.

Scabiosa Vaughan's Special Mixture

Zinnias

The most gorgeous annuals with a wonderful range of color. Extremely double flowers with long stems and good keeping qualities, make this old-fashioned flower a joy in the garden. If you plant but one annual, plant this. May be taken up when in full bloom and transplanted without any visible effect.

California Giants 3 to 4 ft.

They are larger than Colossal and a cross between them and the Dahlia Flowered types. They have smaller flat centers with more loosely placed petals. The petals are decidedly imbricated and the flower from bud to full bloom presents a graceful appearance.

6150 **Lemon Queen.** The petals are light canary on the upper and cerise on the lower side, the two shades blending as the flower develops. It is the only Zinnia with fragrance.
6151 **Orange King.** Similar in color to the Calendula of the same name.
6152 **Orange Queen.** Lighter than Orange King.
6153 **Purity.** A clean pure white.
6155 **Rose Queen.** This flower opens first as bright rose with a deep rose-red center and gradually develops into a warm deep rose when in full bloom.
6156 **California Giants Mixed.**
Each of the above, pkt., 15c.

Colossal or Giant Flowered 3 ft.

The flowers are of enormous size, thickly set with velvety petals. The plants are healthy, vigorous, branching freely, and make excellent material for groups or cutting.

5925 **White**
5930 **Cream**
5935 **Buttercup.** Deep Primrose
5940 **Apricot Yellow**
5945 **Flesh Color**
5950 **Salmon Shades**
5955 **Shrimp Pink**
5960 **Pink Shades**
5961 **Rose King.** A new color.
5962 **Rose Queen.** Tyrian rose with deep rose-red center.
5965 **Golden Yellow**
5975 **Orange**
5976 **Burnt Orange**
5977 **Crimson**
5980 **Scarlet**
5985 **Violet**
5990 **Purple**

Each of the above, pkt., 10c.
6015 **Vaughan's Colossal Zinnias, Mixed.** Lb., $12.00; ¼ lb., $3.00; oz., $1.00; ¼ oz., 30c; pkt., 10c.

Dahlia Flowered 3 to 4 ft.

Information the broad petals are closely imbricated, sometimes seeming almost to be piled one upon the other. The flowers often measure 4 inches in depth and 6 to 8 inches in diameter. In general appearance the flowers compare with the Show Dahlias.

6130 **Illumination.** Similar to Exquisite but a striking self-color of deep rose. (Tyrian Rose.)
6131 **Canary Bird.** A delicate shade of primrose—very large and holds its color well until out of bloom.
6132 **Buttercup.** An immense deep creamy yellow. A very desirable flower, which should be included in every collection.
6133 **Crimson Monarch.** Rich crimson. By far the largest and best of red shades. Flowers often eight inches in diameter.
6134 **Dream.** A fine, deep lavender, turning to purple (Mallow Purple).
6135 **Exquisite.** By far the most pleasing of our collection. Color light rose with center a deep rose. (Tyrian Rose.)
6136 **Golden State.** A very rich orange-yellow (Cadmium). Yellow in the bud, turning to an attractive orange when in full bloom.
6137 **Old Rose.** This is adequately described by its name, as it is of the real old rose shade; it is large, and for charm and beauty we consider it ranks next to Exquisite.
6138 **Oriole.** It is an immense orange and gold bicolor, changing slightly as it ages, but at all times worthy of the beautiful bird for which it is named.
6139 **Polar Bear.** A very large pure white, the best white yet seen in Zinnias. True Dahlia form.
6140 **Scarlet Flame.** A large, beautiful, bright scarlet, with a delightful blending of orange throughout the petal. This is not a bicolor.
6145 **Dahlia Flowered Mixed.** All the above and others.
Each of the above, pkt., 15c; any 4 pkts., for 50c.

Zinnia Dahlia Flowered Mixed

Giant Double Quilled Achievement.

6158 The petals are partially tubular or quilled giving the flower somewhat the appearance of a cactus dahlia and displaying a rich variety of colors mostly of the warmer shades, such as salmon, old rose, deep rose, lilac, bronze and dark red tones. On the reverse side the petals are light or dark lilac, making a wonderful combination of colors. The plants are of strong, robust growth and produce an abundance of very large, double flowers often 5 inches in diameter. Pkt., 25c.

Giant Picotee

A remarkable new and distinct class with beautiful double flowers in orange, flesh, lemon, pink and cerise, each petal being distinctly tipped with various shades of dark, resembling the Picotee Carnations.

6156 **Golden Pheasant.** A variety of the above, having flowers of a deep orange with maroon tips. Pkt., 25c.
6157 **Giant Picotee Mixed.** Pkt., 25c.

Elegans Fl. Pl. Double Flowered

☐ 2½ ft.

5860 **Crested and Curled.** The flowers are large, the petals being twisted and curved into most graceful forms. The colors comprise all the brilliant shades characteristic of the Zinnias.
5865 **Isabellina.** A beautiful cream yellow. A favorite of Mrs. Francis King of Alma, Mich.
5890 **Jacqueminot.** Blood-red.
5895 **Savoja.** Double globular flowers, single petals are turned upward and form little channels. The color is a singular mixture of yellow and red; the external petals begin with a nice dark red, melting gradually to the center in golden-yellow. This may be best described as salmon-orange.
5900 **Zebra Striped.**
Each of above, pkt., 10c

Liliput Double 12-in.

The plants form handsome little bushes and fairly bristle with tiny, short-stemmed, very double flowers hardly exceeding a daisy flower in size. They are very pretty plants; bloom all summer until late in the fall.

6060 **Scarlet Gem.**
6065 **White Gem.**
6070 **Golden Gem.**
6075 **Liliput Mixed, all colors.**
Each of the above, pkt., 10c.

Pumila Double 18-in.

Extra double flowers, produced on regular dwarf plants.

6080 **Snow Ball.** 6090 **Pink Ball.**
6085 **Golden Ball.** 6095 **Fire Ball.**
6100 **Watermelon Pink.** A very pleasing and charming shade.
6105 **Pumila Mixed, all colors.**
Each of the above, pkt., 10c.
6110 **Red Riding-Hood.** 1 ft. Of compact form and covered the entire season with little button-like, intense scarlet flowers not over an inch across; as a border plant it is highly effective. Pkt., 10c.
6115 **Mexicana Hybrida.** 12 in. Flowers the size of a large daisy, single, semi-double and double, and the colors are in the most unique, pleasing and numerous variations. In it are found shades peculiar to the Marigold, the Gaillardia, and the Chrysanthemum. They are extremely free-flowering and pretty. Pkt., 15c.
6120 **Mexicana Fl. Pl.** 15 in. Double miniature Zinnia, flowers bright golden-yellow, fine for edging. This plant deserves wide cultivation. Pkt., 10c.
6125 **Mexicana Fl. Pl. Hybrids.** Double flowers in various shades. Pkt., 10c.

6150 **Vaughan's Special Mixture** contains the cream of the Dahlia Flowered, Colossal, California Giants and Pecotee mixed. Pkt., 25c.

VAUGHAN'S SPECIAL

Virginia Stock Mixed

VIRGINIA STOCK

5815 Mixed □ 6 in. Sown early these pretty annuals are gay in the period between the spring and summer flowers, their fresh bright colors in edgings and beds producing a charming effect. ¼ lb., 60c; oz., 25c; ½ oz., 15c; pkt., 10c.

ZEA (Rainbow Corn)

6175 Japonica Quadricolor Perfecta □ 4 ft. This charming grass forms an object of great beauty in mixed beds and borders or isolated in groups on lawns, in subtropical gardens, etc.; it thrives in rich light warm soils. The leaves are striped in yellow, green, rose and dark red. Pkt., 10c.

VIOLA CORNUTA (Tufted Pansies)

Though the flowers are not as large as the regular pansies, they bloom so freely that many people consider them superior where a mass of color is desired. The plants bloom for a long period and the colors are particularly clear and distinct. The flowers are light and graceful, and not so stiff as those of the regular pansy.

5806 **Alba.** Large white flowers.
5807 **Admiration.** Violet-blue flowers.
5808 **Black Prince.** Rich velvety black.
5809 **Blue Perfection.** Pale blue flowers.
5810 **Lutea Splendens.** Bright yellow.
5811 **Papilio.** Flowers soft lavender-purple, lower petals flushed white.
5812 **Rose.** New, very pretty.
Each of the above, pkt., 10c.
5813 **Vaughan's Improved Scotch Pansies.** Produces flowers with "faces," the colors range from pale lavender to deep rich purple, many charming intermediate shades. Pkt., 25c.
5814 **Cornuta Mixed.** Pkt., 10c.

WALLFLOWER (Goldlack) ÷ 1½ ft.

Wallflowers should be better known. Their adaptability for pot culture and out-door bedding and the peculiar sweet fragrance of their flowers should win favor. The oriental coloring of the flowers in their rich reds and yellows is very effective. They are easily grown and last long as cut flowers. Not hardy in the northern states, should be wintered in cold frames.

5820 **Single Mixed.** Pkt., 10c.
5825 **Annual Blood-Red.** Pkt., 10c.
5830 **Annual Golden Gem.** Pkt., 10c.
5835 **Annual Mixed.** Pkt., 10c.
5840 **Double Mixed.** Pkt., 15c.

XERANTHEMUM

5849 **Double Mixed** □ 2 ft. Bright and pretty "Everlasting" with silvery foliage and silky flowers in pink, white and purple. Pkt., 10c.

Wild Cucumber

WILD CUCUMBER

5847 **Echinocystis Lobata.** This is the quickest growing climber on our list. Grows wild self-sown, in many parts of the west. It is thickly dotted over with pretty, white fragrant flowers, followed by an abundance of ornamental and prickly seed pods. ¼ lb., 75c; 1 oz., 25c; ½ oz., 15c; pkt., 10c.

WHITLAVIA

5845 **Gloxinioides Blue** □ 1 ft. Flowers deep lavender-blue with white throat resembling small Gloxinias. Pkt., 10c.

Flower Seeds for Fall Sowing

FEW know many of our prettiest and best known annuals may be sown in the fall, in fact some varieties, like the annual Larkspur, are much better treated in this way. The principle is the one nature uses. Seed dropped from parent plant will lie dormant in the soil until early in the spring when it germinates and begins a root system long before one can get in the ground to sow seed. Consequently the flowering season is prolonged by the earlier blooming. Ground should be prepared and seed sown just previous to the late heavy frosts.

The fall-sown plants as a rule are much sturdier and better established on the blossoming date than those started indoors.

Another advantage of fall sowing is that it relieves pressure in the springtime. Care should be taken not to sow too early, as the seed will germinate and die this fall. We list merely the mixtures here. Separate colors may be used if desired and for them please see general list of annuals.

Sweet peas should be heavily mulched with leaves or straw.

250 **Alyssum.** Sweet. Daintywhite flowers. ½ oz., 15c; pkt., 10c.
255 **Alyssum.** Vaughan's Little Gem. Snow-white carpet plant. ¼ oz., 25c; pkt., 10c.
310 **Anchusa Capensis** (Summer Forget-me-not). Flowers beautiful blue. Pkt., 10c.
425 **Antirrhinum.** Vaughan's special mixture. ⅛ oz., 25c; pkt., 15c.
1170 **Cacalia.** Mixed. Pkt., 10c.

Candytuft Mixed

1190 **Calendula.** Orange King. Orange flowers. Pkt., 10c.
1245 **Calliopsis.** Vaughan's special mixture. ½ oz., 30c; pkt., 10c.
1260 **Candytuft.** Giant Hyacinth-Flowered White. ¼ oz., 25c; pkt., 10c.
1535 **Centaurea Cyanus.** Vaughan's special mixture. 1 oz., 60c; pkt., 10c.
1570 **Centaurea Imperialis mixed.** Pkt., 10c.
1790 **Clarkia.** Vaughan's special mixture. Pkt., 10c.
1950 **Cosmos.** Early Flowering Mammoth mixed. ¼ oz., 20c; pkt., 10c.
2305 **Dianthus.** Vaughan's special double and single mixture. ¼ oz., 30c; pkt., 10c.
2415 **Escholtzia.** Vaughan's special mixture. ½ oz., 40c; pkt., 10c.
2435 **Euphorbia** Variegata (Snow-on-the-Mountain). Pkt., 10c.
2592 **Godetia.** Double mixed. Pkt., 10c.
2680 **Gypsophila** Elegans Grandiflora Alba. ½ oz., 20c; pkt., 10c.
2860 **Hunnemannia** Fumariaefolia. (Bush Escholtzia.) Pkt., 10c.
2170 **Larkspur.** Vaughan's special mixture. ¼ oz., 30c; pkt., 10c.
2310 **Lavender Lace Flower.** (Didiscus Coeruleus.) Pkt., 10c.
3020 **Linum** Grandiflorum Rubrum. Pkt., 10c.
3105 **Lupinus.** Tall annual mixed. Pkt., 10c.
3380 **Nemophila.** Mixed. Pkt., 10c.
3390 **Nicotiana** Affinis (Sweet-scented Tobacco plant). Pkt., 10c.
3420 **Nigella.** Miss Jekyll. Pkt., 10c.
3875 **Pansy.** Vaughan's Giant mixture. Pkt., 15c.
4018 **Petunia.** Rose of Heaven. Color rich brilliant rose with inconspicuous white throat. Pkt., 25c.
4220 **Phlox** Drummondi. Vaughan's special mixture. ⅛ oz., 30c; pkt., 15c.
4310 **Poppy.** Vaughan's special double and single mixed. ½ oz., 25c: pkt., 10c.
4691 **Saponaria** Vaccaria Rose. Glistening pink flowers are produced in greatest profusion. Pkt., 10c.
4755 **Schizanthus.** Garaways Hybrids. Pkt., 25c.
5320 **Sweet Peas.** Vaughan's special mixture. Spencer varieties. Oz., 25c; pkt., 10c.
5815 **Virginia Stocks.** Mixed. ½ oz., 15c; pkt., 10c.
5805 **Viscaria.** Mixed. Pkt., 10c.

Pansy Vaughan's Giant Mixture

Seeds and Plants of Perennial Specialties

For complete list see pages 77 to 92. Cultural instructions will be found on page 77.

NOTE—All plants are F. O. B. our greenhouses and nursery at Western Springs, Ill. Postage must be added to cover cost of transportation at rates noted, or else they will be sent by express at buyer's expense.

Aquilegia Mrs. Scott Elliott's Strain of Long-Spurred Hybrids.

AQUILEGIA (Columbine)

The Columbine is one of the most beautiful hardy perennials, producing graceful spurred flowers on 2-ft. stems. They are much prized for cut flower purposes, making dainty decorations. They are one of the most important of our early hardy flowers and should be grown in quantity, being easy to establish and thriving in almost any situation, best if sheltered but exposed to full sun. Our Mrs. Scott Elliott's Long-Spurred mixed are selected from the very finest kinds, the colors vary considerably, but all are choice, free in habit and great value for massing, and with their long stems are splendid for cutting.

7120 **Canadensis (American Columbine).** 1 to 2 ft. May-July. Handsome scarlet and orange flowers. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7125 **Chrysantha.** 3 to 4 ft. May-August. Yellow, long spurred. **Seeds,** 15c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7130 —**Fl. Pl.** 3 ft. Double golden-yellow flowers. **Seeds,** 15c per pkt.

7135 —**Grandiflora Alba.** 3 ft. Large flowering, pure white, long spurs. **Seeds,** 15c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7140 **Coerulea (Rocky Mountain Columbine).** 1 to 2 ft. April-July. One of the most beautiful of our native American flowers. Sepals, deep blue; petals, white. **Seeds,** 10c per pkt.

7145 —**Rosea (Rose Queen).** 2½ ft. Beautiful flowers of light to dark rose with white center and yellow anthers, a most delicate combination of colors. **Seeds,** 25c per pkt. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

7150 **Mrs. Scott Elliott's Strain of Long-Spurred Hybrids.** (Seed from the originator.) This strain is allowed by the Royal Horticultural Society to be the best ever raised, and has received awards whenever exhibited. The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc. There are no jarring or crude tints, and the whole form a most harmonious mass of coloring seldom seen in other flowers. **Seeds,** 25c per pkt. **Plants,** 3 for $1.00; doz., $3.50; 100, $20.00.

7155 **Long-Spurred Columbines.** Mixed. **Seeds,** 15c per pkt. **Plants,** 3 for $1.00; doz., $3.50; 100, $20.00.

—**Long-Spurred Blue Shades.** A good mixture of light and dark blue shades. **Plants,** 3 for $1.00; doz., $3.50; 100, $20.00.

7160 **Nivea Grandiflora.** 2 ft or more. May-June. Large pure white. **Seeds,** 10c per pkt.

7165 **Skinneri (Mexican Columbine).** 2 to 3 ft. June-August. Large scarlet and yellow flowers. **Seeds,** 15c per pkt.

7170 **Vulgaris Alba Plena.** 2 ft. May-June. Double white flowers. **Seeds,** 10c per pkt.

7175 **Single Mixed.** Many varieties. **Seeds,** 10c per pkt.

7180 **Double Mixed.** **Seeds,** 10c per pkt

7190 **Vaughan's Special Mixture** includes all the above mentioned varieties and many new colors not found in any named collection. **Seeds,** 25c per pkt.

Order Plants

by **name** and on the **separate order sheet** provided for them. Give quantities desired in plain figures and write only one kind on each line.

Plants by Parcel Post

If to be sent by parcel post add postage as follows: Single plants, 5c; 3 plants, 10c; 6 plants, 15c; 12 plants, 25c.

Plants by Express

We recommend this mode of transit where quantities are over 18 to 24 plants.

Order Seeds

The numbers in left-hand column indicate varieties of which we offer seed. This number is a sufficient designation and more acceptable to us than the name when ordering seeds. Where no number appears, we offer plants only. In some cases we offer both seeds and plants.

CAMPANULA

A large, beautiful and most important family for the flower garden. The dwarf species are charming for rock gardens, being not difficult to cultivate. The habit of the plant, as a rule, is compact, ranging from 18 to 24 in. in height. They are most effective when planted in the mixed border near the early Phloxes. The Persicifolia varieties are good perennial plants. Pyramidalis is a tall-growing species sending up its stalks of bloom 5 to 6 ft. in height during August, continuing to bloom six weeks or more.

Canterbury Bells Campanula Medium; Single Mixed Colors

7260 **Carpatica (Harebell).** 9 in. July. Pretty blue, dwarf. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7265 **Alba.** 9 in. July. Pure white. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7270 **Medium Calycanthema (Cup and Saucer).** 2 ft. June to August. Mixed colors. **Seeds,** 10c per pkt.

Prices of Plants

The time involved in assembling long lists of plants when ordered one of a kind, compels us to charge proportionately higher for single plants; on the other hand we make the price of twelve and three of a kind so attractive that it should induce our customers to buy at least three of a kind.

Relative Prices are as follows:

Plants priced at	per dozen	3 supplied for	Each
$2.50		$0.85	$0.35
3.50		1.00	.45
4.00		1.25	.50
4.50		1.35	.55
5.00		1.50	.65

25 plants of a variety at the 100 rate where listed by the hundred.

CAMPANULA—Continued

7275 **Calycanthema White.** **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7280 **Pink.** **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7285 **Blue.** **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7295 **Medium (Canterbury Bell).** 2 ft. June. **Single white.** **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7300 **Single Blue.** **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7305 **Single Pink.** **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7310 **Mixed Colors (Canterbury Bells).** **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7315 **Double White.** 7320 **Double Blue.**
7325 **Double Pink.** 7330 **Double Mixed.**
Each of the above, per pkt., 10c.

7335 **Lactiflora Coerulea.** Broad-leaved. 2½-6 ft. Light blue. **Seeds,** 15c per pkt.

7337 **Lactiflora Alba.** White. 2-3 ft. **Seeds,** 15c per pkt.

7338 **Latifolia Macrantha.** 3 ft. Erect stems, large bells, violet-blue. **Seeds,** 15c per pkt.

7340 **Persicifolia (Peach Bells).** Blue. 2-3 ft. **Seeds,** 25c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7345—**Alba.** White. **Seeds,** 25c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7350—**Mixed.** Blue and White. **Seeds,** 25c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7355 **Pyramidalis (Chimney Bellflower).** Blue. 5-6 ft. **Seeds,** 10c per pkt.

7360—**Alba.** **Seeds,** 15c per pkt.

7365—**Mixed.** **Seeds,** 10c per pkt.

7366 **Rotundifolia.** 6-12 in. One of the prettiest species, slender branching stems, covered with dainty frail blue flowers. **Seeds,** 15c per pkt.

7367 **Trachelium.** (The Nettle-Leaved Bellflower.) 2-3 ft. Crowded heads of lavender-blue flowers. **Seeds,** 25c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7370 **Vaughan's Special Mixture.** A grand assortment of all varieties. Fine for cut flowers. **Seeds,** 25c per pkt.

COREOPSIS (Tickseed)

For illustration see next page.

One of the most popular hardy plants, the flowers are a rich golden-yellow of a beautiful graceful form and bloom June to October.

7495 **Lanceolata Grandiflora.** 2 ft. June-October. Large orange-yellow flowers on long graceful stems. About the best yellow cut flower blooming incessantly. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

Campanula Calycanthema (Cup and Saucer) Mixed

Seeds and Plants of Perennial Specialties

Delphinium Vaughan's Gold Medal Hybrids

DELPHINIUM (Perennial Larkspur)

Few plants are so handsome in the garden as the perennial Larkspurs. There are many species in cultivation, but the most important are the tall hybrids, of which there are many varieties with a wonderful range of color. They are valuable for their great variety in height, varying from 1 to 6 ft.; for their great variety in shades of color, varying from the palest lavender through every conceivable shade of blue to deep indigo. They thrive in almost any situation or soil and are easily increased, being perfectly hardy. A good, deep, rich soil will repay with larger and better flowers. Remove the flower before the seed pods form and they will flower later in season again.

The Butterfly Delphiniums are forms of Delphinium chinense, height 2-3 ft. Though perfectly hardy perennials, they have the special merit of developing to full size the first year, when sown in frame in February or March. All three colors are large flowered.

7510 **Blue Butterfly.** Pure deepest blue. **Seeds,** 15c per pkt.

7515 **Lavender Butterfly.** Pure palest blue. **Seeds,** 15c per pkt.

7516 **White Butterfly.** Pure white with sulphury buds. **Seeds,** 15c per pkt.

7517 **Cardinale.** "Scarlet Larkspur," a native California species with long spikes of scarlet flowers. 2-3½ ft. July-August. **Seeds,** 25c per pkt.

7520 **Chinese Blue.** 2-3 ft. Pure blue in branching dwarf spikes. Very graceful for cutting. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7525 **Chinese Album.** 2-3 ft. Pure white. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100 $15.00.

7530 **Chinese Mixed.** **Seeds,** 10c per pkt.

7535. **Elatum Hybridum, Single Mixed.** 3 ft. June-August. **Seeds,** 10c per pkt.

7540 **Double Mixed.** 3 ft. **Seeds,** 15c per pkt.

Coreopsis Lanceolata Grandiflora

DELPHINIUM—Continued

7541 **Summer Cloud.** The flowers are pure white and come true from seed. A great addition to the perennial border and a plant you will prize and enjoy showing your friends. **Seed,** 50c per pkt. **Plants,** 3 for $1.00, doz., $3.50; 100, $25.00.

7545 **Formosum.** 3 ft. June-July. Deep blue, white eye, open spike. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7550 **Belladonna (Light Blue).** 2 ft. June-July. Flowers exquisite shade of turquoise blue. **Seeds,** 20c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7551 **Bellamosum.** This is a dark form of the popular light blue Belladonna with intensely rich, deep blue flowers. It is better than Formosum, grows taller, and will not mildew like Formosum. **Seeds,** 20c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7555 **Indigo.** 4 ft. Pure indigo blue, comes true from seed. **Seeds,** 35c per pkt. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

—**Lamartine.** July-August. Dark blue. 3 ft. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

7560 **Nudicaule.** 1-1½ ft. April-July. Dwarf brilliant scarlet flowers. **Seeds,** 25c per pkt.

7565 **Zalil.** 3 ft. June-July. Sulphur-yellow. Seed germinates very slowly. **Seeds,** 25c per pkt.

7570 **Vaughan's Gold Medal Hybrids.** This strain is especially grown for us, the seed being saved from selected plants. Many of them are double flowered, and range in color from pale lavender to indigo-blue. **Seeds,** 50c per pkt.; ½ oz., $1.00. **Plants,** 3 for $1.00; doz., $3.50; 100, $20.00.

7571 **Vaughan's Special Mixture.** This contains the Elatum varieties, both double and single, the Butterfly, Chinese and all the various kinds and will supply a wonderful array of bloom in the garden all summer long. **Seeds,** 35c per pkt.

Dianthus Barbatus Vaughan's Special Mixture

DIANTHUS BARBATUS (Sweet William)

The varieties offered are an improvement on the old fashioned kinds, inasmuch as the colors and size or flower are far superior, being grown from select seed. Sweet Williams look well in solid beds of masses and require a good, rich, well manured soil to grow them to perfection. Excellent border plants and fine for cut flowers. Plants grow 18 to 24 in. high.

7635 **Scarlet Beauty.** A charming and distinct color. **Seeds,** 15c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7640 **Copper Red.** A new and rich color. **Seeds,** 15c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7645 **Diadematus.** One of the prettiest; flowers rose, spotted and sprinkled with white. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7650 **Johnson's Giant.** The range of color includes shades which are not to be found in other strains, and the peculiar and delicate markings on the flowers are most attractive. **Seeds,** 15c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7655 **Nigrescens.** Almost black. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7660 **Pink Beauty (Newport Pink).** **Seeds,** 10c per pkt. **Plants,** 3 for $1.00; doz., $3.50; 100, $20.00.

Daisy (Shasta)

DIANTHUS BARBATUS—Continued

7665 **Albus.** White. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7670 **Atro-sanguineus.** Blood-red. **Seeds,** 10c per pkt.

7675 **Roseus.** Pink. **Seeds,** 10c per pkt.

7685 **Single Giant-Flowered Mixed.** **Seeds,** 10c per pkt.

Double Varieties

7690 **White.**

7695 **Rose.**

7700 **Blood-Red.**

7705 **Mixed.**

Each of above, pkt. 10c.

7710 **Double Giant-Flowered Mixed.** **Seeds,** 15c per pkt.

7715 **Vaughan's Special Mixture, Sweet William.** A mixture of all the beautiful varieties here listed and others. This is sure to please in the varied and unique coloring and markings of the flowers. **Seeds,** 25c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

CHRYSANTHEMUM (Hardy Daisy)

Fine hardy border plants, their large Daisy-like flowers being produced in great profusion. They are splendid for cut flower purposes, lasting well.

7500 **Maximum, Daisy Shasta.** 2-2½ ft. Wonderfully large white flowers on stout stems borne in great profusion all summer. Splendid also for cutting. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

Digitalis Vaughan's Special Mixture

See next page for description.

Seeds and Plants of Perennial Specialties

Gaillardia Grandiflora Mixed

GAILLARDIA (Blanket Flower)

June to October. 2 ft. Their long-flowering period, long stems and bright colors make these one of the most valuable of perennials, being easily grown in beds or borders in ordinary garden soil.

7810 **Grandiflora.** Mixed. Composite flowers, variegated with shades of red and yellow. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7815 **—Semi-plena.** Double row of petals, yellow with red center. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7820 **—Compacta.** Varied colored compact flowers well above foliage. **Seeds,** 10c per pkt.

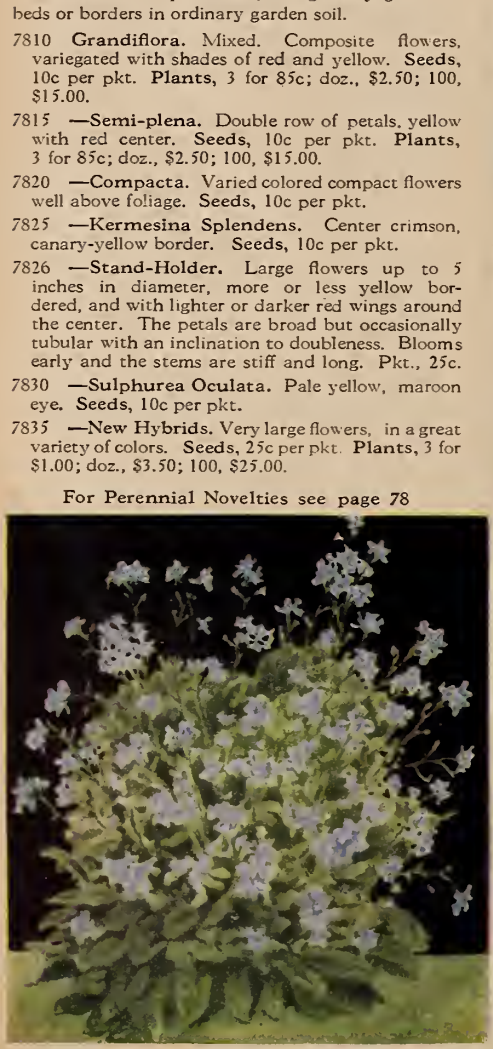
7825 **—Kermesina Splendens.** Center crimson, canary-yellow border. **Seeds,** 10c per pkt.

7826 **—Stand-Holder.** Large flowers up to 5 inches in diameter, more or less yellow bordered, and with lighter or darker red wings around the center. The petals are broad but occasionally tubular with an inclination to doubleness. Blooms early and the stems are stiff and long. Pkt., 25c.

7830 **—Sulphurea Oculata.** Pale yellow, maroon eye. **Seeds,** 10c per pkt.

7835 **—New Hybrids.** Very large flowers, in a great variety of colors. **Seeds,** 25c per pkt. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

For Perennial Novelties see page 78



Myosotis Vaughan's Early and Late Flowering

DIGITALIS (Foxglove)

These produce spires of blossoms 3 to 5 ft. high. Stately old garden favorites for garden, shrubbery borders and naturalizing in suitable places.

7750 **Grandiflora.** 2 to 3 ft. June-July. A hardy plant with yellowish flowers marked with brown. Effective in groups. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7730 **Gloxiniaeflora, White.** Flowers shaped and spotted like a gloxinia. 2-4 ft. June-July. **Seeds,** pkt., 10c. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7735 **Pink.** 7740 **Purple.** Each, pink or purple. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7745 **Gloxiniaeflora, Mixed Colors.** **Seeds,** 10c per pkt.

7755 **Maculata Iveryana.** Splendid spotted. **Seeds,** 10c per pkt.

7760 **Monstrosa Mixed.** Long spikes surmounted by one enormous flower. **Seeds,** 10c per pkt.

7765 **Purpurea Mixed.** Many colors. **Seeds,** 10c per pkt.

—**The Shirley Hybrids.** 6 to 7 ft. The flower-heads are over 3 ft. long, covered with big bell-shaped blossoms. Colors range from white and shell-pink to deepest rose, many attractively dotted with crimson or chocolate. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

7775 **Vaughan's Special Mixture of Digitalis.** A grand mixture of the above, and many other colors, grown especially for this mixture. **Seeds,** 15c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

HOLLYHOCK

One of the best hardy garden flowers. Makes a charming hedge or background. Hollyhock rust is the bane of every person who tries to grow hollyhocks. There is no remedy, but much can be done to prevent it and reduce the damage by spraying the plants with Bordeaux mixture. 6 to 8 ft. August-September.

Double Varieties

7970	White	7990	Salmon
7975	Maroon	7992	Yellow
7980	Rose	7995	Crimson
7985	Black	8000	Blood-Red

Each color. **Seeds,** 10c per pkt. **Plants,** of the following colors: **Yellow, Maroon, Pink, White, Red or Mixed.** 3 for 85c; doz., $2.50; 100, $15.00.

8005 **Newport Pink.** The finest pure pink, exquisite shade. **Seeds,** 15c per pkt.

8010 **Allegheny Mixed.** Flowers come single, semi-double and double, seldom less than 5 in. across, and are beautifully fringed. They are perpetual bloomers, 2 to 4 buds forming at the base of every leaf, where the old-style Hollyhocks have but 1 or 2. These buds open in succession, prolonging the flowering season until autumn. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

8015 **Vaughan's Prize Mixture.** Finest shades in perfect flowers. **Seeds,** ¼ oz., 40c; 10c per pkt.

See Also Novelties

Single Varieties

More permanent and hardy than the double and when planted with a deep green background, such as arborvitae hedge, they afford a most striking effect. Fine among shrubbery and will last for years when once established.

8020	Red	8040	Rose
8025	Pink	8045	White
8030	Black	8050	Salmon
8035	Flesh	8051	Yellow

Each, **Seeds,** 10c per pkt.

8055 **Mixed.** **Seeds,** ¼ oz., 30c; 10c per pkt.

MYOSOTIS (Forget-Me-Not) 4 to 9 In.

The true Forget-Me-Nots—a lovely dwarf plant for damp places, spreading rapidly and carpeting the ground. Makes excellent edgings and carpetings for beds or borders of perennial plants. We list the seeds of Alpestris varieties among annuals as they are better treated as such by those who have no hot-bed or cold frame accommodations for wintering the yearling plants.

8230 **Dissitiflora.** Rich blue, early and compact. One of the best. **Seeds,** 10c per pkt.

8235 **(Palustris.)** The true Swamp Forget-Me-Not. **Seeds,** 20c per pkt.

8240 **(Palustris) Semperflorens.** Dwarf blue, in flower from early spring until autumn. **Seeds,** 20c per pkt.

8245 **Vaughan's Early and Late Flowering.** The flowers are borne on long, stiff stems. The blossoms are the most exquisite sky-blue with a delicate white center. Plants may be in bloom at any time of the year. **Seeds,** 10c per pkt.

Hollyhock Double Vaughan's Prize Mixture

MYOSOTIS (Forget-Me-Not)—Continued

8250 **Ruth Fisher.** It is of particularly neat and compact habit, and the lovely blue flowers shoot up strongly over the glossy dark green foliage. **Seeds,** 25c per pkt.

8251 **Blue Bird.** A beautiful winter-flowering Forget-Me-Not. An English specialist selection from the Oblongata class. The only Myosotis which has received an award of the British Royal Horticultural Society in many years. **Seeds** (about 50seeds), 25c per pkt.

See Also Novelties

PYRETHRUM ROSEUM (Painted Daisy)

One of the most valuable of our early summer flowers. Charming color, and wonderful lasting properties as a cut flower; flowers in May and June, and frequently in August and September; in all shades of rose and pink. 1-2 ft.

—**Carl Vogt.** The finest double pure white. **Plants,** 3 for $1.25; doz., $4.00.

8430 **Double Mixed.** Extra choice, selected seed. Only a small percentage will be double, balance will be semi-double and single in fine variety. **Seeds,** 25c per pkt.

8435 **Single Mixed.** **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

8440 **Hybridum Grandiflorum, Single Mixed.** **Seeds,** 15c per pkt.

8441 **Album.** White.

8442 **Carneum.** Flesh.

8443 **Roseum.** Rose.

8444 **Atro-sanguineum.** Blood red.

Each of the above, pkt., 25c.

—**Uliginosum.** 4 ft. Large giant daisy-like flowers, in great profusion in fall. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

See Also Novelties

Pyrethrum Roseum

Perennials the Season Through

PERENNIALS are assuming their proper place in our gardens. Their cultivation is a delight to all who are interested in the procession of color that advances from early spring until late fall. It is possible, by careful selection, to have flowers eight months in the year in our latitude. If one owns a home or expects to occupy one two years or more, these are the varieties to give permanence to the garden.

Some varieties, such as Canterbury Bells, are biennials (these come up the first year from seed, flower and die the next) and they should be planted each year for the next season's flowers. Some like Dianthus Barbatus (Sweet William), also biennials, multiply readily from self-sown seed and should be divided when too thick. Hollyhocks are perennials, but they also reproduce themselves by seed dropped from the parent plant.

Perennials may be secured in plants and seeds—plants for immediate effect, although some perennial seeds if sown early bloom the same year (Gaillardia, Coreopsis and Iceland Poppies, will do this). The best time to sow perennial seed is in May and June, although they may be also sown in July and August. The earlier planting secures larger plants which will winter over more successfully.

Prepare a seed bed in a sheltered position where the amount of sunshine and moisture can be controlled; pulverize the soil and carefully sow seed in rows to the depth of not more than four times the size of the seed (fine seed to be merely covered); when seedlings are large enough, transplant in rows in the garden. In September transplant to their permanent position in the garden. In setting these it is well to dig a larger hole than the root calls for and incorporate in the bottom a trowel full of well rotted manure, covering manure with soil so that roots will not come in contact with the manure until they are in want of additional nourishment.

Perennials should be placed in groups for best effect. Plant in early spring or fall.

AFTER a long and tiresome winter we welcome with joy the first sunshiny days and warm spring rains, knowing that in a short time our garden will respond to their kindly influence and we will enjoy fruits of our last year's work.

Among the earliest are the dainty white Rock Cress (arabis alpina); the bright golden Alyssum (saxatile compactum). Phlox subulata rosea is a compact mass of foliage with dainty pink flowers. Viola Cornuta (tufted pansies) create an oriental carpet of splendor with their gay flowers of yellow, blue and white in all shades. These have the additional beauty of blooming all season long. The Crocus, Snowdrops (Galanthus) and grape Hyacinths (Muscari), (bulbous stock) add to the spring symphony of color.

The first flowers of spring are modest and hug close to Mother Earth. Mertensia Virginica and hardy Primroses make an ideal combination. Pink Darwin tulips are wonderful with the blue of the Mertensia. Iris pumila (not to be confused with the German and Japanese varieties which are later) grow close to the ground. Iris Florentina is followed by the long stemmed Iris which will last until early July. Myosotis Palustris (Forget-Me-Not) can be used as ground cover for Irises. The Bleeding Heart (Dielytra spectabilis) with dainty heart-shaped pink flowers is effective against the background of shrubs. Aquilegias (Columbine) run through a complete color range and are most charming, Mrs. Scott Elliott's long spurred strains particularly so.

The Dianthus family follows with the clove pinks (Dianthus Plumarius) and Sweet Williams (Dianthus Barbatus) making the garden fragrant and gay at the same time.

Fragrant Lily of the Valley—the bride's flower—carpets the ground in June. Polemoniums bloom from May to the end of June. Lupins follow in several attractive shades. Try Harkness' regale mixture and Downer's hybrids. Nudicaule (Iceland) Poppies are delicate subjects (try the Sunbeams). The Shasta Daisy furnishes wonderful cutting material.

Campanula or Bell flowers, now dominate the garden for several weeks with their various varieties.

Pyrethrum Roseum, or Painted Daisy is a large pink daisy-like flower like the Shasta Daisy. Delphiniums (Larkspur) particularly the dark Formosum and Indigo are at their best near the pure white Lilium Candidum. Anchusa Dropmore is a welcome blue color. The Oriental Poppies offer a blaze of color.

Hollyhocks are gay sentinels of July. It is now mid-summer and hardy Phlox in their myriad shades add to the beauty for a few weeks. Try Phlox Elizabeth Campbell with Candidum Lilies. Garden Heliotrope (Valerian Alba) is delightful after a shower; lovely with Anchusa. Red perennials should be backed against green background away from other conflicting colors. Day Lilies or Hemerocallis, may be found from primrose to deep orange shade. Evening Primrose (Oenothera) is another useful yellow perennial. Blue Flax (Linum Perenne) is delightful planted with Miss Lingard Phlox. Pentstemon Gentianoides and Gladiolus Primulinus make another charming arrangement.

FALL is approaching and the flowers grow more brilliant. Helianthi (Sunflowers) reflect the sunshine. Heleniums and Rudbeckia add to the glory. Salvia Patens and Pitcheri contribute a low tone in blue. Boltonias (Latisquama) (pink), Asteroides (white) are fine with hardy Asters. Aster Climax (plants only) is a gem.

Anemone Japonica, Scabiosa Caucasica and Physostegia Vivid keep up the decorations in the garden in October. Hardy Chrysanthemums hurry to bloom before frost and the Helleborus Niger (Christmas Rose) is the last in the colorful parade before the curtain falls for another year.

New and Rare Perennial Flower Seeds

CYNOGLOSSUM Amabile—Chinese Forget-Me-Not

ACHILLEA

7007 **Ageratum.** A pretty alpine of compact habit. Flowers yellow, sweet-scented. Pkt., 15c.

7009 **Millefolium Kelwayi.** Dark blood-red. Pkt., 50c.

AGROSTEMMA

7049 **Hybrida Walkeri.** Brilliant rose-colored flowers. Pkt., 10c.

ALYSSUM

7056 **Saxatile Compactum Sulphureum.** A rock plant with pale lemon-colored flowers. Pkt., 15c.

ANCHUSA

7071 **Barrelieri.** Dwarf early-flowering blue, 30 inches tall. Pkt., 15c.

ANTHEMIS

7111 **Kelwayi Alba.** Hardy white Marguerite. 3 ft. Pkt., 15c.

AQUILEGIA

7149 **Glandulosa Major.** Very large flower, deep blue and white. Pkt 25c.

7152 **Jaetschaui.** Large-flowered yellow with long, red spurs. Pkt. 25c.

7158 **Long-Spurred Blue Shades.** Beautiful long-spurred blue flowers with long stems Pkt., 25c

7159 **Long-Spurred Rose and Scarlet Shades.** A very attractive selection and well worth trying. Pkt. 25c.

For Aquilegia, Mrs. Scott Elliott's strain, please consult the colored perennial pages.

ASPERULA

7222a **Hexaphylla.** Has a delicate misty spray and may be used with sweet peas and other cut flowers to lighten the effect. 3 ft. Pkt., 15c.

AUBRIETIA

7230 **Large-Flowered Hybrids.** The beautiful mauve spring bedding plant makes the garden so gay in the early months of the year. Aubrietias produce great masses of bloom and are charming companions to Yellow Alyssum and White Arabis. Grows well from seed. Sow in June and plant out in autumn where required for flowering in spring. A valuable strain including a wide range of many unusual colors which cannot be fixed and offered separately. Height 6 inches. Pkt., 25c.

7231 **Bougainvillei.** Same as above, only the color of the flowers is dark blue. Pkt., 25c.

CAMPANULA

7301 **Medium Single Lilacina.** A new shade in the well-known perennial family. Pkt., 15c.

7351 **Persicifolia Coerulea Plena.** Double blue peach bells. Height 30 inches. Pkt., 35c.

7352 **—Alba Plena.** Double white. Pkt. 35c.

CARNATION

7402 **Grenadin Dwarf Red.** This is dwarfer than the one offered in our perennial pages and is more suitable for rockwork and edging and pot culture Pkt., 25c.

CHEIRANTHUS

7441 **Kewensis.** Borne on numerous slender stalks, the black-brown buds open into flowers of a delicate sulphur shade, which passes to orange-yellow or purple-violet. It flowers in 5 or 6 months after sowing and is of a very long-blooming nature. Pkt., 25c.

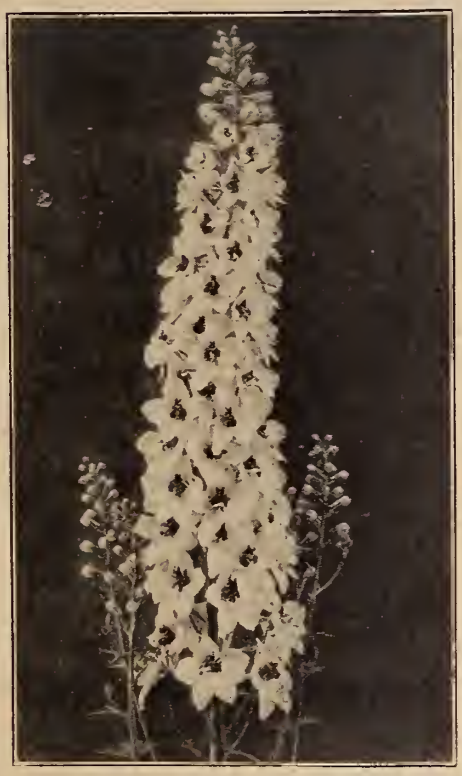
CHRYSANTHEMUM

7450 **Indicum Fl. Pl. Early Flowering Double Chinese Varieties.** A mixture with some especially fine colors. Pkt., 35c.

7451 **Chrysanthemum Indicum Early Flowering Single Chinese.** Attractive flowers in many charming shades. Pkt., 25c.

COREOPSIS

7496 **Lanceolata Grandiflora Fl. Pl.** (Double Flowering Coreopsis.) This new double and semi-double form is just as easy to grow as the single and the extra petalage adds a further charm to the flower. 25c per pkt.



DELPHINIUM Blackmore and Langdon Strain

CYNOGLOSSUM

7498 **Amabile - Chinese Forget-Me-Not.** A lovely plant 18 to 24 inches tall with flowers of a true Forget-Me-Not Blue. May be grown either outside or under glass. Makes wonderful cut flower material. It is a novelty which we especially recommend. Pkt., 25c.

DELPHINIUM

7564 **Blackmore and Langdon Strain.** It was our pleasure this summer to see these in bloom and it is a memory-picture we would like to reproduce, but words are inadequate. They had a dignity peculiarly their own—tall, graceful spikes of bloom, covered from top to bottom with captivating blooms in charming color combinations. All the clear shades of blue with many delightful opaline variations. Some made one think of the inside of sea-shells, all with bees of contrasting colors. Pkt., 50c; large pkt., $1 00.

7562 **Vanderbilt Hybrids.** A Californian novelty of charming beauty. Immense flower stalks with great heads of bloom tapering to the tip. Nearly all flowert open at once and exhibit the greatest combination of colors known. Pkt. 35c.

7561 **Nudicaule Lemon Gem.** The color of this very distinct novelty is a clear yellow self. It will make an excellent companion to the old scarlet type. Pkt., 25c.

7563 **Nudicaule Chamois.** Pkt. 25c.

GEUM ①

7852 **Lady Stratheden (Golden Ball).** It is a counterpart of the popular scarlet variety, Mrs. J Bradshaw, only the blooms are a rich golden yellow. Pkt., 35c.

DIANTHUS □ +

7575 **Allwoodii.** A new race of hardy plants belonging to the Dianthus family. It makes an ideal pot plant. The flowers are about 75 per cent double and appear in all colors except yellow. The single flowers are quite as handsome as the double and have the advantage of making larger clusters. It is exceptionally hardy, commencing to flower in early spring and continuing through summer and fall. Pkt. (25 seeds), 50c.

7596 **Plumarius Peacock.** A hardy perennial pink with fringed white flowers with rings. Pkt., 15c

DIGITALIS

7768 **Gloxiniaflora. The Shirley.** A magnificent strain of the highest beauty, the results of many years of careful re-selection by the Rev. W. Wilks in his famous garden at Shirley; growing 5 to 7 ft high, the 4-ft. long inflorescences bearing enormous flowers ranging from pure white to the deepest rose, and wonderfully blotched and spotted dark maroon, crimson and chocolate. Pkt., 25c.

7769 **Hybrida Lutzii.** New salmon hybrids. Pkt., 20c.

EREMURUS

7790a **Robustus.** A hardy herbaceous perennial with solitary tall spikes of rose-colored flowers. Pkt. (25 seeds), 35c.

7790b **Himalaicus.** Grows 3 to 6 ft. tall with solitary flower spikes. The color is white. Pkt. (25 seeds), 35c.

GAILLARDIA

7827 **Grandiflora Maxima.** Very fine gold n yellow flowers. Pkt., 20c.

7828 **Grandiflora Le Mastadonte.** Large-flowered, pure yellow. Pkt., 20c.

7829 **Grandiflora Sibylla.** Flowers large, vivid carmine, tipped white, with dark crimson center. Pkt., 25c.

7836 **Portola.** The plant is of strong, vigorous, erect habit of growth, from 2½ to 3 ft. high; the stems are strong and stiff, holding the flowers erect; these are of large size, nearly 4 in. in diameter, the petals being very broad and overlapping, of great substance, and spread out flat, forming a very regular flower; in color a brilliant scarlet with coppery hue which is intensified by the golden yellow with which each petal is heavily tipped. Comes about 50% true from seed. Pkt., 25c

GAILLARDIA Portola

New and Rare Perennial Flower Seeds

LILIUM REGALE The Regal Lily

GLOBULARIA

7857 **Trichosantha.** A perennial hairy-flowered globe-flower. Flowers dark blue, very attractive. Pkt., 20c.

GUNNERA

7858 **Manicata.** Giant foliage plant. For solitary plants in the border. Pkt., 35c.

GYPSOPHILA

7862 **Repens.** Dwarf white variety, useful in rockwork. Pkt., 15c.

HELIOPSIS

7916 **Soleil d'Or (Golden Sun).** Free-flowering, very useful in the garden for display or cutting, golden-yellow flowers. Pkt., 20c.

HOLLYHOCK

8006 **Alameda Pink.** A beautiful new strain of varying light pink shades of semi-double, crinkly type usually called "Allegheny." The foliage is deep green and thick and large and is quite distinct from other varieties of hollyhock. The blossoms are very large and attractive. Pkt., 25c.

8007 **Exquisite.** Flowers very large, beautifully fringed and curled petals, extremely double. Each white-margined petal is adorned by a large blotch suggesting the markings of the Pelargonium. Supplied in mixture only, containing following colors: Rose, light rose, carmine rose, violet and dark purple. Pkt., 25c.

HOLLYHOCK

HEUCHERA

7942 **Sanguinea Maxima.** Large flowered, deep crimson, new and very charming. Pkt., 35c.

7943 **Sanguinea Hybrida Grandiflora.** New, large flowered hybrids, very fine. Pkt., 35c.

LILIUM REGALE ①

8117 **The Regal Lily.** It is absolutely hardy, and is excellent for forcing. The flowers are white, slightly suffused with pink, with a beautiful shade of canary-yellow at the center, and extending part way up the trumpet. It is delightfully perfumed, reminding one of the jasmine, and lacking the heavy, oppressive odor of most lilies. Blooms out of doors early in July, and seedling bulbs will flower the second year. Lift the bulblets in fall and replant to greater depth in their permanent location. Pkt. (35 seeds), 25c; 5 pkts. for $1.00.

LINARIA

8122 **Macedonica.** 2½ ft. high. Free and long flowering, foliage grayish green, flowers large, pure lemon-yellow with a distinct orange-yellow spot on the under lip. An excellent cut flower. Blooms from seed first year if sown early. Pkt., 25c.

LUPINUS POLYPHYLLUS

LUPINUS

8171 **Polyphyllus Golden Spire.** Golden yellow and purple flowers. Pkt., 25c.

8173 **Polyphyllus Harkness' Regal Mixture.** A mixture of charming new colors, in which rose, buff, flesh and salmon shades predominate. Pkt., 25c.

8174 **Polyphyllus Downer's Hybrids.** Perpetual flowering new hybrids. A charming novelty for the perennial border. Pkt., 25c.

8176 **Polyphyllus Lavender Queen.** Lavender tinted pink blossoms, very pretty. Pkt., 25c.

8177 **Polyphyllus Princess Juliana.** Lovely pink blooms. Fine for perennial border. Pkt., 25c.

PENTSTEMON

8338 **Hybrida Graziella.** Free-blooming and graceful small flowers in a great many new colors. Pkt., 35c.

POLEMONIUM

8386 **Coeruleum Prima Donna.** Dwarf plant with delicate light blue flowers, 18 inches. Pkt., 20c.

POPPY

8286 **Nudicaule Sunbeams.** This is the result of a cross between the Shirley and Nudicaule types. The flowers are charming shades of orange, salmon, maize and other tints. The blooms keep well in water which makes it a fine cut flower for baskets or vases. Pkt., 25c.

8287 **Nudicaule New Art Shades.** A charming collection of colors in the Iceland Poppy family, including apricot, burnt orange and lovely pink shades. Pkt., 25c.

8288 **Gibson's New Giant Orange.** This is a selection from the Nudicaule or Iceland Poppies and comes especially recommended to us. We are sure you will like this variety. Pkt., 20c.

PRIMULA

8406 **Beesiana.** A new hardy primrose with brilliant velvety purple flowers with a large yellow eye, very rich coloring. Pkt., 35c.

8407 **Bullesiana Hybrida.** New hybrids of rose, orange, carmine, light and dark blue. Pkt., 50c.

8408 **Floribunda Grandiflora.** A large flowered yellow variety that does well in winter in pots. Pkt., 35c.

8409 **Munstead Strain.** A giant polyanthus in many charming shades. Pkt., 35c.

8411 **Moerheimi Hybrids.** The result of a cross between P. Beesiana and P. Pulverulenta. Pkt., 50c.

8412 **Pulverulenta.** Large flowers of shining purple-carmine. Pkt., 35c.

PYRETHRUM

8437 **Roseum Comet Flowered Ostrich Feather.** Single and semi-double flowers with rolled and twisted petals. Pkt., 35c.

SALVIA

8476 **Nutans.** 3 ft. A perennial blue salvia. Pkt., 15c.

8477 **Pratensis.** 2 ft. A dark blue perennial variety. Pkt., 15c.

8478 **Verbascifolia Syria.** 5 ft. Makes a bold clump of foliage, the oval leaves fully one foot in length and half as broad, being dull olive-green above, deeply netted and covered on the under side with creamy white felt. Flower spikes 18 in. tall. Flowers dark blue, hairy within and without. Pkt., 25c.

SAXIFRAGA

8487 **Cordifolia Splendens.** 2 ft. Useful little plant for rock garden. Bright rose-pink. Pkt., 35c.

8488 **Lingulata Leichtlini.** 30 inches. Bright red rock garden subject. Pkt., 50c.

SPERGULA

8512 **Pilifera.** 4 inches. A hardy evergreen suitable for grass edging or rockwork. Pkt., 35c.

TRITOMA

8556 **Hybrida Early Flowering Mixed.** The Tritomas are effective border plants usually in shades of vivid red; these hybrids will contain many interesting colors and all will flower early. Pkt., 25c.

8557 **Express.** An early flowering yellow with a red bud. Pkt., 25c.

8558 **Tuckii.** Sometimes called May Queen. Flowers dark rose and creamy yellow. Pkt., 25c.

VERBASCUM

8568 **Hybridum, Miss Willmott.** Hardy biennial. The large flowers are produced in stately spikes, rising to a height of 5 to 6 feet and continue from July to frost. A lovely white variety. Pkt., 15c.

VIOLA

8581 **Bosniaca.** Free-blooming, small deep purple flowers. Pkt., 25c.

8582 **Cornuta G. Wermig.** The flowers of this hardy Viola are exactly like a very large single violet with a long stem, and it is practically everblooming. It does well in partial shade. Is also well fitted as a rock plant and bordering. Pkt., 35c.

8583 **Cornuta Alba White Wermig.** A white form of the above. Pkt., 35c.

VIOLA Cornuta G. Wermig (Pansy Violet)

Vaughan's Perennial Flower Seeds and Plants

Note—All plants are F.O.B. our Greenhouses, Western Springs, Illinois. Postage must be added to cover cost of transportation at rates noted or else they will be sent express at buyer's expense.

ACHILLEA, The Pearl

ACANTHUS

7000 **Latifolius.** August. 3 ft. Handsome plant, broad deeply cut leaves; beautiful for solitary plants in lawn or for grouping with other plants. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7005 **Mollis.** Flower spikes 4 ft. high of white and lilac flowers. **Seeds,** 10c per pkt.

ACHILLEA (Milfoil. Yarrow)

Achilleas are of easy culture and grow in any good garden soil, but preferring sun. They are useful for the border, wild garden or shrubbery; also for cutting.

—**Ageratum.** A pretty alpine of compact habit. Yellow, sweet-scented. 3 for 85c; doz., $2.50; 100, $15.00.

7008 **Parker's Variety.** 2½ to 3 ft. June-Sept. Clear yellow flower-heads. **Seeds,** 15c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7010 **Ptarmica, The Pearl.** 2 ft. June to August. Pure white, fine for cutting; blooms all summer. **Seeds,** 20c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

ACONITUM (Monkshood)

Do not plant near vegetable gardens. Roots are poisonous. Bold spikes of hood-shaped flowers, valuable for cutting; very effective in flower borders and shrubberies, thriving anywhere.

7015 **Fischeri.** 2 ft. September. Large porcelain blue flowers. **Seeds,** 15c per pkt. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

—**Spark's Variety.** 2½-3 ft. July-August. Darkest blue of all. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

7020 **Napellus.** 2½ ft. July-August. Fine rich blue flowers. **Seeds,** 10c per pkt.

7025 **Wilsonii.** 5-6 ft. September. Violet-blue flowers. **Seeds,** 15c per pkt. **Plants,** 3 fo $1.00; doz., $3.50; 100 $25.00.

ACTAEA (Baneberry)

A very hardy plant; does well in shady places. Useful in the border, rock and wild gardens.

—**Spicata.** 1½ ft. May-June. Flowers white, producing clusters of white berries in fall. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Rubra.** 1½ ft. May-June. Flowers white; berries bright red. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

ADLUMIA (Alleghany Vine)

7030 **Cirrhosa.** 15 ft. The feathery foliage is like the Maidenhair Fern. Delicate rose pink and white flowers cover the plant. **Seeds,** 10c per pkt.

ADONIS

7035 **Vernalis.** 18 in. May. Large star-shaped yellow flowers. **Seeds,** 10c per pkt.

AGATHEA

7040 **Coelestis (Blue Daisy).** Flowers sky-blue with yellow disk, easy growth. Useful in the border, for bedding and as a pot plant. **Seeds,** 10c per pkt.

Order Plants

by **name** and on the **separate order sheet** provided for them. Give quantities desired in plain figures and write only one kind on each line.

Prices of Plants

The time involved in assembling long lists of plants when ordered one of a kind, compels us to charge proportionately higher for single plants; on the other hand we make the price of twelve and three-of-a-kind so attractive that it should induce our customers to buy at least three-of-a-kind.

Relative Prices are as follows:

		3 supplied for	Each
Plants priced at	$2.50 per dozen	$0.85	$0.35
	3.50	1.00	.45
	4.00	1.25	.50
	4.50	1.35	.55
	5.00	1.50	.65

25 plants of a variety at the 100 rate where listed by the hundred.

Plants by Parcel Post

If to be sent by parcel post add postage as follows: Single plants 5c; 3 plants, 10c; 6 plants, 15c; 12 plants, 25c. We accept no responsibility for delays or conditions that may prove injurious to the contents.

Plants by Express

We recommend this mode of transit where quantities are over 18 to 24 plants. We pack carefully, but accept no responsibility for delays over which we have no control that may cause injury to the contents.

Order Seeds

The numbers in left-hand column indicate varieties of which we offer seed. This number is a sufficient designation and more acceptable to us than the name when ordering seeds. Where no number appears, we offer plants only. In some cases we offer both seeds and plants.

AGROSTEMMA

7045 **Coronaria Varieties Mixed.** Attractive free-flowering, producing bright-colored flowers on long, slender stems like a single pink; blooms the first season; fine for cutting; 1 to 2 ft. June-September. **Seeds,** 10c per pkt.

7048 **Coronaria Atrosanguinea.** Blood-red. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $3.50; 100, $15.00.

7050 **Flos Jovis.** 1 ft. Beautiful pink flowers. **Seeds,** 10c per pkt.

AJUGA (Bugleweed)

A useful plant for the rockery and for carpeting the ground, particularly in shady positions, as under trees where grass will not grow.

—**Reptans.** 3 to 4 in. May-June. Deep purplish-blue flowers. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

ALSTROEMERIA

7052 **Aurantiaca.** Belongs to the Amaryllis family, quite hardy, flowers orange color streaked with red. A well established plant will produce five to six flower stalks carrying ten to fifteen blooms. Pkt., 25c.

7053 **Pulchra.** Known as St. Martin's Flower. Flowers purplish on outside, edges sulphur-white, with fine yellow upper segments dotted with deep red spots. They require some protection during winter. Pkt., 25c.

ALYSSUM (Madwort)

Showy spring-flowering plants. Valuable for front row in border or rock garden.

7054 **Argenteum.** Dwarf, dense grower, yellow flowers, in bloom all summer, leaves silvery underneath. **Seeds,** 10c per pkt.

7055 **Saxatile Compactum (Basket of Gold).** 1 ft. May-June. Producing masses of golden flowers very early. May be planted effectively with Arabis. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

AMPELOPSIS

7060 **Veitchii (Boston Ivy).** Small leaved, self-clinging, hardy vine. **Seeds,** 10c per pkt.; 50c per oz.

ANCHUSA

7070 **Italica, Dropmore Variety.** 5 ft. June-July. Beautiful gentian-blue, flowers one of the best perennials. Thrives est in partial shade. **Seeds,** 15c per pkt. **Plants,** 3 for $1.00; doz., $3.50.

—**Opal.** 3-5 ft. June-July. A splendid lustrous light blue. **Plants,** 3 for $1.00; doz., $3.50.

ANEMONE Japonica

ANEMONE (Wind Flower)

Very pleasing hardy plants for the herbaceous border. Fine large flowers, few plants compare with them in beauty. Excellent for bouquets and table decorations.

7075 **Coronaria (Poppy Anemone).** Mixed colors. Early spring-June. 6-12 in. **Seeds,** 10c per pkt.

7080 **St. Brigid's Strain.** May-June. Double and single mixed. 12 in. A beautiful selection of the Coronaria varieties in a wonderful array of colors. **Seeds,** 20c per pkt.

—**Japonica Alba.** Pure white, showing yellow anthers. 2 to 3 ft. Sept.-Oct. **Plants,** 3 for $1.00; doz., $3.50.

—**Japonica Queen Charlotte.** A strong grower, producing large semi-double pink flowers. 2 to 3 ft. Sept.-Oct. **Plants,** 3 for $1.00; doz., $3.50.

—**Japonica Whirlwind.** Semi-double white. 2 to 3 ft. Sept.-Oct. **Plants,** 3 for $1.00; doz., $3.50.

7090 **Pulsatilla.** 1 ft. April-May. Well adapted for rockwork or border, flowers varying from lilac to purple. **Seeds,** 10c per pkt. **Plants,** 3 for $1.00; doz., $3.50.

7095 **Pulsatilla Rubra.** 6 to 9 in. April-May. Dark red with erect flowers. **Seeds,** 15c per pkt. **Plants,** 3 for $1.00; doz., $3.50.

7100 **Sylvestris.** (Snowdrop Windflower.) Large, nodding, sweet-scented white flowers, tinged lavender. 1 to 1½ ft. April-May. **Seeds,** 15c per pkt. **Plants,** 3 for $1.00; doz., $3.50.

ANTHEMIS (Marguerite)

These Hardy Marguerites are most satisfactory perennials, succeeding in the poorest soil but needing full sun. The flowers are yellow.

7110 **Kelwayi (Hardy Marguerite).** 2 ft. Daisy-like yellow blossoms, produced all summer. Excellent for cutting. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7115 **Tinctoria.** Very useful yellow border plant. 2 to 3 ft. June-Oct. **Seeds,** 10c per pkt.

AQUILEGIA (Columbine)

7140 **Coerulea (Rocky Mountain Columbine).** 1 to 2 ft. April-July. One of the most beautiful of our native American flowers. Sepals, deep blue; petals, white. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

For others see colored page 74.

ARABIS (Rock Cress)

Charming dwarf spring-flowering plants of easy cultivation; valuable for beds, edgings. They do well in any soil, but need plenty of sun.

7195 **Alpina.** 6 in. A most useful hardy perennial for spring bedding and rockeries. Early in the spring the pure white flowers make a pleasing contrast in beds and borders with Alyssum saxatile compactum. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

Vaughan's Perennial Flower Seeds and Plants

ARTEMISIA Lactiflora

ARTEMISIA

—**Lactiflora.** 4 to 4½ ft. September-October. A great acquisition to herbaceous borders or wild garden, producing elegant spikes of pure white flowers on stout stems; the whole plant has the appearance of a highly ornamental flowering shrub. Graceful for table decoration. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

ARISTOLOCHIA

7200 **Sipho (Dutchman's Pipe).** 30 ft. Very large, showy foliage. One of the best climbing plants grown. Flowers shape of a Dutchman's pipe, hence its name. Rich soil is the best. Requires protection in winter. **Seeds,** pkt. (10 seeds) for 20c.

ARMERIA (Thrift Sea Pink)

Grand plants for crevices of wall and rocks, and also for growing in flower borders or as permanent edgings; excellent plants for the sea coast. Also grown as pot plants. June-July.

7205 **Alpina.** Purple flowers in July. **Seeds,** 10c per pkt.

7210 **Formosa.** 9 in. Pretty rose pink. Fine for borders. **Seeds,** 10c per pkt.

7218 **Laucheana.** 6 in. June-August. Crimson flowers, deep green tufty foliage. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7219 **Maritima.** 3 to 6 in. May-June. Silvery pink flowers. **Seeds,** 15c per pkt.

ASCLEPIAS (Butterfly Weed)

7220 **Tuberosa.** 2 ft. One of the most showy of our native perennials and producing from July until frost, compact umbels of brilliant orange flowers. Combines well with Blue Platycodon. **Seeds,** 15c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

ASPARAGUS

Hardy Asparagus Vine

7221 **Verticillatus.** Blooms very freely and has abundance of red berries late in summer. A strong grower attaining a height of 10 to 15 ft. Fine to cut and use in bouquets. Perfectly hardy, requiring no protection. Vines die down to ground each year. **Seeds,** 15c per pkt. **Plants,** 3 for $1.00; doz., $3.50; 100, $20.00.

ASPERULA

7222 **Odorata Woodruff or Waldmeister.** An herb whose leaves are used in making beverages or when dried used to lay among linens. 6 to 8 in. Also useful for carpeting, shady places and for edgings. **Seeds,** 10c per pkt.

ASPHODELINE (Asphodelus)

7223 **Lutea.** Ornamental tufts of glaucous blue foliage, terminal spikes of attractive golden-yellow flowers, unique for naturalizing. 2 to 4 ft. June-July. **Seeds,** 15c per pkt.

ASTER

Now fill a most important place in all hardy flower gardens, lighting up the borders and shrubberies with their masses and clouds of dainty and brightly colored blossoms throughout the autumn months up to November, when other flowers are scarce.

—**Alpinus.** Indispensable for the rockery or edge of hardy borders; grows 3 to 10 in. high and bears large showy bluish-purple flowers in May and June. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Joan Vaughan** (New). 2-3 ft. Finest double with very large mauve blue flowers. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

ASTER—Continued

—**Novi-Belgii Cloudy Blue.** 4 ft. September-October. Fine pale blue semi-double flowers. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Novi-Belgii St. Egwin.** October-November. Pink. 2½-3 ft. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Novi-Belgii Well's White.** 4 ft. September-October. Large white flowering. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Novi-Belgii Climax.** October-November. Lavender-blue. 5 ft. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Novi-Belgii Climax White.** October-November. Pure white. 5 ft. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Novae-Angliae.** 3-5 ft. September-October. Deep purplish blue. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Novae-Angliae Roseus Superbus.** This is a new introduction and is by far the best aster we have seen. Color almost red and a profuse bloomer. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7225 **Perennial, Large Flowering Mixed.** Various shades of blue. **Seeds,** 25c per pkt.

ASTER Climax

AUBRIETIA

—**Large Flowering Hybrids.** Many colors. Charming companions to the yellow Alyssum and the white Arabis. 6 in. high. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

For Seeds see Novelties on Page 78.

BAPTISIA

7235 **Australis (False Indigo).** 2-4 ft. Beautiful racemes of pea-shaped indigo-blue flowers appearing in mid-summer. **Seeds,** 10c per pkt.

BOCCONIA

7240 **Cordata (Plume Poppy).** 5 ft. A handsome border plant, having large lobed heart-shaped leaves with silvery under surface and flower plumes of a pretty cream color. **Seeds,** 10c per pkt.

BOLTONIA (False Chamomile)

This Aster-like hardy plant is useful for cutting, remaining in bloom a long time; requires good rich soil and an open situation in border or shrubbery.

7245 **Asteroides.** July-October. 4-6 ft. White. Large daisy-like flowers, valuable for cutting. **Seeds,** 15c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7250 **Latisquama.** 4-5 ft. July-October. Delicate pink. **Seeds,** 15c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

BUDDLEIA (Butterfly Bush or Summer Lilac)

A small shrub bearing exquisite tapering spikes of lilac-mauve flowers; requires same protection as roses during winter. Plant in Spring.

7251 **Variabilis Veitchiana.** 3-8 ft. July-September. Mauve. **Seeds,** 15c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

BUPHTHALMUM

7255 **Salicifolium.** Perennial herbs with showy heads of yellow flowers, mostly hardy, does well in ordinary garden soil. **Seeds,** 10c per pkt.

CALLIRHOE

7256 **Involucrata** (Poppy Mallow). A showy, trailing, hardy perennial bearing continuously from early summer till fall large, bright crimson saucer-shaped flowers; looks best on the rockery, but can be used in front of the hardy border. **Seeds,** per pkt., 15c.

CAMPANULA

—**Rotundifolia.** 6-12 in. One of the prettiest species, slender branching stems, covered with dainty frail blue flowers. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Punctata var. Marian Gehring.** (New Perennial Canterbury Bell.) Hybrid between Punctata and Medium. Flowers pale lavender. **Plants,** 3 for $1.00; doz., $3.50; 100, $20.00.

For other Campanulas see Pages 74 and 78 in Novelties.

CANDYTUFT—See Iberis

CANTERBURY BELLS—See Campanula Medium on Page 74.

CARDUUS

7375 **Marianus.** Scotch Thistle. **Seeds,** 15c per pkt.

CARNATION

After a few years' trials, we have proved these to be quite hardy with ordinary protection. Large double flowers, produced in succession all summer. Make excellent beds and are valuable cut flowers.

7385 **Grenadin Triumph, Rose. Seeds,** 15c per pkt. **Plants,** 3 for $1.00; doz., $3.50; 100, $20.00.

7390 **Grenadin, Dark Velvety Brown. Seeds,** 15c per pkt.

7395 **Grenadin, Scarlet. Seeds,** 10c per pkt. **Plants,** 3 for $1.00; doz., $3.50; 100, $20.00.

7400 **Grenadin, White. Seeds,** 20c per pkt.; **Plants,** 3 for $1.00; doz., $3.50; 100, $20.00.

7401 **Grenadin, Mixed. Seeds,** 15c per pkt.; **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7405 **Vienna Dwarf, White. Seeds,** 15c per pkt.

7410 **Vienna Dwarf, Rose. Seeds,** 15c per pkt.

7415 **Vienna Dwarf, Mixed. Seeds,** 10c per pkt.

7420 **Double Mixed, Extra Choice. Seeds,** 15c per pkt.

CASSIA (American Senna)

7376 **Marylandica.** 3 to 4 ft. July-August. A bushy growing plant with large particles of bright yellow, curiously shaped flowers in abundant auxillary clusters. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

CATANANCHE (Cupid's Dart)

7377 **Coerulea.** Used by ancient Greeks as one of the principal ingredients in their love potions. Has large blue flower in great profusion. 2 ft. Fine for cutting blooms in June to September. **Seeds,** 10c per pkt.

7378 **Coerulea fl Albo.** Pure white flowers. **Seeds,** 10c per pkt.

CENTAUREA (Hardheads, Knapweed)

Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August.

7379 **Dealbata.** Reddish flowers in July; 8 to 24 inches. White foliage. **Seeds,** 15c per pkt.

7425 **Macrocephala.** Golden-yellow. 2½-3 ft. July-August. **Seeds,** 10c per pkt.

7430 **Montana Blue.** 2 ft. June-September. Beautiful blue. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7431 **Montana Alba.** White. **Seeds,** 10c per pkt.

BUDDLEIA (Butterfly Bush)

Vaughan's Perennial Flower Seeds and Plants

CIMICIFUGA

CERASTIUM

7435 **Tomentosum (Snow in Summer).** 4 in. Silvery white foliage, covered with snow-white flowers in early summer. **Seeds,** 15c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

CHEIRANTHUS

7440 **Allioni.** 1 ft. Fine rock or border plant with orange flowers. Spring and summer. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

See Also Novelties.

Chelone, see Pentstemon on Page 86.

—**Barbatus Torreyi.** See Pentstemon.

CHRYSANTHEMUM (Hardy Daisy)

Fine hardy border plants, their large Daisy-like flowers being produced in great profusion. They are splendid for cut flower purposes, lasting well.

7455 **Laciniatum, White Comet Fringed.** White petals. **Seeds,** 15c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Leucanthemum Flore Pleno (Double White Shasta Daisy).** Flowers double pure white of medium size, excellent for cutting. 1-2 ft. June-July. Each plant produces from 30 to 50 flowers. Perfectly hardy without any protection. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

7460 **Maximum King Edward VII.** 2½ ft. Very large white flowers on stout stems. All summer. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50 100, $15.00.

7465 **Market Favorite.** Produces an enormous number of well-formed, pure white flowers, evenly distributed and flowering at one time. **Seeds,** 15c per pkt.

7470 **Mrs. C. Lothian Bell.** Large white daisy-like flowers. **Seeds,** 15c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

For others see Page 75.

CHINESE FORGET-ME-NOT. See Cynoglossum Amabile on Page 78.

CHIVES—See Page 44.

CIMICIFUGA (Snake Root)

Valuable for late flowering, beginning in September and continuing throughout October.

—**Racemosa.** 4 to 8 ft. June-July. White flowers in long racemes. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

CLEMATIS

7475 **Recta.** 2 to 3 ft. June-July. Produces fragrant, pure white flowers in very large, showy clusters. **Seeds,** pkt., 15c.

COREOPSIS (Tickseed)

One of the most popular hardy plants, the flowers are a rich golden-yellow of a beautiful graceful form.

—**Lanceolata.** June-Oct. Yellow. 2 ft. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

For others see Pages 74 and 78 for Novelties.

CYPRIPEDIUM (Hardy Orchids)

Cypripedium (Hardy Orchids). Hardy Orchids for the most part are shade-loving plants and delight in a soil well drained and largely composed of leaf mold.

—**Acaule (Lady Slipper).** This is often called the Red Lady Slipper, but the flower is rose-purple in color. The plant sends up two broadish green leaves from the base and from between them comes a stalk about a foot high bearing a single large, showy flower. May-June. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

—**Spectabile (Showy Lady Slipper).** The finest and most showy of all Orchids. It grows about 2 ft. high, bearing along the stalk several rather large roundish leaves and on top one or two quite large, rose-purple or nearly white flowers. June. Semi-shade required. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

Delphinium (Larkspur)—See Pages 75 and 78 for Novelties.

DIANTHUS ALLWOODII

This is an important addition to our list of perennial plants. They are perfectly hardy and flower continuously from early spring until late in the autumn; the flowers are much more substantial and larger than the old type of Hardy Pinks, and are borne on long stems suitable for cutting; deliciously clove-scented.

—**Harold.** A splendid large double pure white of very symmetrical form and great substance.

—**Jean.** Pure white, a deep violet-crimson center. A distinct, handsome flower.

—**Mary.** Pale rose-pink with light maroon center.

—**Robert.** A delicate shade of old rose with light maroon center.

—**Mixed.**

Price of any of the above four sorts: **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

FOR SEED—See Novelties, Page 78.

DIANTHUS Plumarius

DIANTHUS (Hardy Garden Pink)

These very desirable sweet-scented, low-growing, early-blooming and free-flowering Hardy Garden Pinks are unequaled for the borders of beds, drives, and the old-fashioned garden and should be planted in quantity in any good garden soil with full sun and an open situation.

7580 **Caesius (Cliff Pink).** Flowers delicate rose color, fragrant. 1 ft. or less. **Seeds,** 25c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7581 **Dentosus Hybridus.** A red Siberian variety flowering in July, known as the Amoor Pink. **Seeds,** 25c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7585 **Miss Gladys Cranfield.** Single bright rose flowers, with velvety crimson eye. **Seeds,** 25c per pkt.

—**Plumarius Abbotsford.** May-October. Pink. 15 in. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7590 **Plumarius Cyclops (Clove Pink).** An exquisite mixture of colors. 1 ft. **Seeds,** 10c per pkt.

7591 **Plum. Albus Plenus.** Double white. **Seeds,** 25c per pkt.

DICENTRA (Bleeding Heart)

DIANTHUS—Continued

7595 **Plum. Cyclops, Red Hybrids.** **Seeds,** 15c per pkt.

7600 **Plum. Diadematus.** 12 in. White, pink and crimson. **Seeds,** 10c per pkt.

7605 **Plum. Nanus Fl. Pl.** Double dwarf mixed. **Seeds,** 15c per pkt.

7610 **Plum. Semperflorens.** 15 in. Single and double, flowers all spring and summer. Mixed colors. **Seeds,** 15c per pkt.

7611 **Plum. Mrs. Sinkins.** Large double white. **Seeds,** 25c per pkt.

7615 **Plum. Single Mixed.** Delicately fringed flowers. **Seeds,** 10c per pkt.

7620 **Plum. Double Mixed.** Fine for cutting. **Seeds,** 10c per pkt.

7625 **Plum. Vaughan's Special Mixture.** A grand selection of clove pinks of the above Plumarius type and others. **Seeds,** 25c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7630 **Latifolius Atro-coccineus Plenus.** Beautiful outdoor Pink, of deep crimson color, semi to full double flowers, borne on stout stems 15 to 18 in. high. The only perennial which can be planted in solid beds and will flower continuously all summer, the same as a bed of geraniums. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

For others see Page 75.

DICTAMNUS (Gas Plant)

The seed of these is very slow to germinate.

7720 **Fraxinella.** 3 ft. June-July. An old and beautiful plant with ash-like foliage and large spikes of deep pink, purple-veined flowers, excellent for cutting. **Seeds,** 15c per pkt.

7725 **Albus.** 3 ft. June-July. Spikes of attractive pure white sweet-scented flowers. **Seeds,** 15c per pkt.

DICENTRA (Dielytra) Spectabilis (Bleeding Heart or Seal Flower)

An old-fashioned favorite. Its long racemes of graceful heart-shaped pink flowers are always attractive. It is used largely for forcing and is perfectly at home in any part of the hardy border and especially valuable for planting in the shade. Strong roots. Each, 75c; doz., $8.00.

Digitalis (Foxglove)—See Pages 76 and 78 in Novelties.

DODECATHEON (American Cowslip) (Shooting Star)

Very pretty dwarf Primulaceous plant, ovate or oblong leaves with drooping Cyclamen-like flowers borne in umbels. They require a moist, cool and shady position.

—**Meadia.** 1 ft. April-June. Flowers lilac. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

Vaughan's Perennial Flower Seeds and Plants

ECHINACEA (Rudbeckia)

ECHINACEA (Coneflower)

Stout perennials for the border or wild garden; the flowers ranging from flesh-pink to purplish crimson. July-August.

7780 **Hybrida.** 4 ft. Flowers of various shapes, produced in a wide range of colors. **Seeds,** 15c per pkt.

7785 **Purpurea (Purple Cone Flower).** 3-4 ft. A very handsome border plant bearing large heads of rosy purple flowers and dark central disc. **Seeds,** 15c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7786 **Purpurea Grandiflora. Seeds,** 15c per pkt.

ECHINOPS (Globe Thistle)

Handsome, strong-growing plants with thistle-like leaves and globe-shaped bristly flowers. July-August.

7788 **Ritro.** 3-4 ft. Metallic blue flower heads. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7790 **Sphaerocephalus.** 4 ft. Grayish white flowers on stout stems. **Seeds,** 10c per pkt.

EDELWEISS

7791 **Leontopodium Alpinum.** 4-12 in. June-July. The true and famous Edelweiss of the Alps. The flowers are of downy texture, pure silver-white and star-shaped. Succeeds in almost any soil with full exposure to sun. **Seeds,** 25c per pkt.

ERIGERON (Flea Bane)

Valuable summer flowering plants with elegant single aster-like flowers, much prized for cutting.

—**Amos Perry.** June-October. Lavender-blue. 1 ft. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00

ERYNGIUM (Sea Holly)

Handsome ornamental plants for flower and shrubbery borders. Flowers July to September.

7792 **Alpinum.** 2-3 ft. Shining green leaves, large light blue flowers. **Seeds,** 10 per pkt.

7793 **Amethystinum.** 1½-3 ft. Fine foliage with bluish-green shoots, terminating in numerous amethyst-blue thistle-like flowers. **Seeds,** 25c per pkt.

7795 **Planum.** 2-3 ft. Small steel-blue globular flowers; graceful decorative plant. **Seeds,** 10c per pkt.

EUPATORIUM (Thorough Wort)

Strong growing border plants suitable for cutting they bear minute white flowers in dense heads; ordinary garden soil suits them.

7800 **Ageratoides.** White Snakeroot. 2 ft. Pure white ageratum-like flowers; does well in shade. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7805 **Purpureum (Joe Pye Weed).** 6-7 ft. July-September. Pink flower, purple stalked. Good for bold effects in border or against shrubbery. **Seeds,** 15c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Coelestinum (Mist Flower).** September-October. Light blue. 2 ft. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

EUPHORBIA

—**Polychroma.** 1 ft. April-May. Leaves oblong and dark green, floral leaves different shades of yellow at flowering time. Grows into fine compact bush. Little known but very desirable. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

FERNS

Hardy Ferns are especially suited to partial and dense shade and will flourish where grass will not grow. For naturalizing in woodland they are fine subjects associated with Foxgloves, Funkias and Aquilegias. They make a grand effect in shady spots in any garden. Their culture is easy. If possible, add leaf mold or well decayed peat, loam and a fair proportion of sand and drainage. (Ready March 15.)

—**Adiantum Pedatum (Maidenhair Fern).** 1 ft. The best dwarf fern.

—**Asplenium Filix-Foemina (Lady Fern).** 2 to 3 ft. Fine delicate fronds, very hardy, will grow in the sun if soil is kept moist.

—**Aspidium Cristatum.** 2 ft. Grows well in swampy situation.

—**Aspidium Moserianum.** 4 ft. One of the finest Aspidiums.

—**Aspidium Spinulosum (Spinulose Wood Fern).** 1½ to 2 ft. A strong grower and should be included in every Fern collection.

—**Aspidium Thelypteris.** 2 ft. Very variable, fronds long and narrow.

—**Onoclea Struthiopteris (Ostrich Fern).** 3 to 4 ft. One of the most stately and best for cultivation; handsome dark green fronds.

—**Osmunda Claytoniana.** 2-3 ft. A good fern for the shady corner. 7 to 12 in. wide, broader than long. **Price,** any of the above Ferns: **Plants,** 3 for $1.00; doz., $3.50; 100, $20.00.

GYPSOPHILA—Paniculata Flore Pleno

FILIPENDULA HEXAPETALA

(Spiraea Filipendula)

Good for front row in hardy border. Graceful plants, both in flower and foliage.

—**Flore-pleno (Dropwort).** June-July. Double white. 1-2 ft. **Plants,** 3 for $1.00; doz., $3.50; 100, $20.00.

FUNKIA (Day Lily). See Hosta. See Page 84.

GAILLARDIA (Blanket Flower)—See Pages 76 and 78 in Novelties.

GENTIANA (Gentian)

Beautiful hardy border and rock plants, with shades of blue surpassing those found in any other family of plants. Grow in moist shady situation in sandy loam.

—**Andrewsii.** One of the most fascinating native plants. The flowers which are tightly closed are borne at the top of a stem from 6 to 8 in. long and are an intense deep blue. Blooms best in moist place. June-October. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

7840 **Acaulis.** 4 in. Large bell-shaped deep blue flowers; spring blooming. **Seeds,** 20c per pkt.

7845 **Lutea (Yellow Gentian).** 4 ft. July to September. Whorls of giant yellow flowers. **Seeds,** 10c per pkt.

HARDY FERN

GEUM

7850 **Coccineum Atrosanguineum Plenum.** 1½ ft. May-July. Flowers are double, bright scarlet in color and last well when cut. Very large and profuse bloomer. **Seeds,** 15c per pkt.

—**Heldreichii.** 1½ ft. May-July. Orange, one of the best very free-flowering, fine foliage. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

—**Lady Stratheden (Golden Ball).** It is a counterpart of the popular scarlet variety Mrs. J. Bradshaw, only the blooms are a rich golden yellow. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

7855 **Mrs. Bradshaw.** Double. The orange-scarlet flowers are very large and full; comes quite true from seed and blooms the first year. 2 ft. June September. **Seeds,** 25c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

See Also Novelties

GILLENIA (Bowman's Root)

—**Trifoliata.** 3 ft. May-July. A strong growing perennial. Admirable for the border or for use in connection with shrubs, with handsome trifoliate foliage and numerous white flowers tinged with pink. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

GRASSES

The ornamental grasses can be used with telling effect either as individual specimens in the border or on the lawn. Large beds or borders planted entirely to the different varieties are attractive or when planted in clumps on the margin of ponds.

—**Erianthus Ravennae.** 5 to 7 ft. Plume Grass. Producing from 30 to 50 flower-spikes. Closely resembles the Pampas Grass. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Eulalia Gracillima Univittata.** 5 to 6 ft. The most graceful of all. Foliage narrow, bright green, with a silvery midrib. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Eulalia Japonica Variegata.** 4 to 6 ft. A tall graceful variety from Japan. Its long, narrow leaf-blades are striped green-white and often pink and yellow. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Festuca Glauca.** 1 ft. A pretty dwarf grass with tufts of fine bluish-green foliage. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7856 **Gymnothrix Latifolia.** (Pennisetum latifolium) 3 to 4 feet, bearing several nodding plumes 1 to 2 feet long. Pkt., 15c.

7856A **Gynerium Argenteum.** Pampas Grass. The plumes are silvery-white. Lives with protection as far north as Rochester, N. Y. Perfect specimens can be obtained only in light, rich soil with moderate moisture, especially in early growth. Pkt., 15c.

7856B **Stipa Pennata.** Feather Grass. A well-known variety which has been grown in gardens. Pkt. 25c.

7859 **Uniola Latifolia,** Spike Grass. One of the best of our hardy native grasses. Leaves are broad and flat, often one inch wide, spikelets large and thin and when full grown droop on slender stems. Pkt., 15c.

GOLDEN ROD—See Solidago on Page 87.

Vaughan's Perennial Flower Seeds and Plants

HIBISCUS (Rose Mallow)

GYPSOPHILA

Graceful border and rock plants with small flowers on light stems. Greatly prized for cutting.

7860 **Paniculata Flore Pleno.** A great improvement on the single-flowered type and more lasting. the flowers forming miniature balls of white petals. 2-3 ft. July-August. Not quite fixed, but about 25 per cent come true. The plant is difficult to propagate by division, and seedlings prove much more vigorous. **Seeds,** 25c per pkt.

7865 **Paniculata (Baby's Breath).** 2-3 ft. July-August. Small flowers on branched stems, so thick as to give the plant a white lace-like effect. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Repens.** Dwarf white Baby's Breath. Splendid in rockery. 3 for 85c; doz., $2.50; 100, $15.00.

HEDYSARUM

7866 **Coronarium, Red.** French Honeysuckle Attractive border plants with showy racemes of deep red, fragrant flowers. 2-4 ft. Summer. Need sun and light, well-drained soil. **Seeds,** 10c per pkt.

HELENIUM (Sneezewort)

Delightful perennials allied to the Helianthus (Sunflower). Splendid and lasting as cut flowers.

—**Autumnale Gartensonne.** 2 to 4 ft. August-September. Flowers golden yellow, velvety brown center. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7875 **Autumnale Superbum.** 4-5 ft. Large clear light yellow, flowers in September. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7880 **Bigelowi.** 2 ft. Large rich yellow flowers. **Seeds,** 10c per pkt.

7885 **Hoopesii.** 1-3 ft. May-September. Rich orange-yellow. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7890 **Riverton Gem.** 2 to 4 ft. Covered from August to October with brilliant old gold and splashes of darker shades, changing later to wall-flower-red. **Seeds,** 15c per pkt. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

7895 **Riverton Beauty.** Rich lemon-yellow, with a large purplish cone. 4-5 ft. August-September. **Seeds,** 15c per pkt. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

HELIANTHEMUM

7906 **Mutabile (Rock Rose).** Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. Pale rose changing to lilac then to white. 8-12 in. Excellent for rockeries. Mixed colors. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

HELIANTHUS (Hardy Sunflower)

Hardy, perennial Sunflowers flourish splendidly in any garden, city or country. They are a beautiful race of sturdy, showy plants, invaluable for cutting, as they last so long in water.

7900 **Maximilianii.** Small and graceful flowers of deep yellow on stems 2 to 4 ft. long, blooming from August to October. **Seeds,** 25c per pkt.

HELIANTHUS—Continued

7905 **Perennial Varieties, Mixed.** **Seeds,** 15c per pkt.

—**Multiflorus Plenus (Dahlia Sunflower).** August-September. Double yellow. 2-5 ft. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

HESPERIS MATRONALIS

(Sweet Rocket—Evening Scented Stock)

Deliciously sweet-scented flowers for garden or cutting. 2-3 ft. June-August. Sow in Spring in boxes and transplant in April or May—or sow in open ground in April for later bloom.

7930 **Purpurea.** Purple. ½ oz., 30c; 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7935 **Alba.** White. **Seeds,** 10c per pkt.

HELIOPSIS

A very brilliant border plant, resembling a double sunflower; flowers double yellow; an excellent cut-flower.

7910 **Pitcheriana.** 3 to 4 ft. high. The flowers are of a beautiful deep golden-yellow color about 2 inches in diameter; of very thick texture and very graceful for cutting. Blooms all summer. **Seeds,** 10c per pkt.

—**Scabra Gratissima.** June-August. Double yellow. 2½ ft. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7915 **Scabra Major.** **Seeds,** 15c per pkt.

See also Novelties Page 79.

HELLEBORUS

7920 **Niger (Christmas Rose).** White flower blooming very late in season. Plant in rich loam and coarse sand with top-dressing of rotten manure. When once established in border do not disturb. Pkt., 25c.

HEMEROCALLIS (Yellow Day Lily)

The Day Lilies are magnificent hardy plants and are undoubtedly among the finest plants for ordinary garden culture, as they will grow anywhere in either partial shade or full sun. The flowers are produced in spikes of from six to a dozen blooms, opening in succession, and are very useful when cut for indoor decoration. Good for borders, shrubberies, wild garden or naturalizing in grass.

—**Aureole.** 3 ft. May-July. Orange shade with crimson. **Plants,** 3 for 65c; doz., $2.00; 100, $10.00.

—**Citrina.** June-July. Pale citron-yellow. 2 ft. **Plants,** 3 for 65c; doz., $2.00; 100, $10.00.

—**Flava.** July-August. Yellow. 3 ft. **Plants,** 3 for 65c; doz., $2.00; 100, $10.00.

—**Fulva Kwanso, fl. pl.** June-July. Coppery red double. 3 ft. **Plants,** 3 for 65c; doz., $2.00; 100, $10.00.

—**Sovereign.** June-July. Chrome-yellow. 3 ft. **Plants,** 3 for 65c; doz., $2.00; 100, $10.00.

HEUCHERA (Alum Root)

They are of the simplest cultivation, and thrive well in ordinary garden soil. Their dainty sprays of rose-carmine flowers make them invaluable for cutting.

—**Nancy Perry.** Coral pink. 3 for 85c; doz., $2.50; 100, $15.00.

—**New Hybrids.** All shades of red and coral pink. This is a mixture which is highly spoken of because of its fine coloring, large flowers and free-flowering of the plants. **Plants,** 3 for $1.00; doz., $3.50; 100, $20.00.

7940 **Sanguinea.** 2 ft. July-August. Long stems of large crimson-scarlet flowers. Splendid for cutting. **Seeds,** 25c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

7941 **Brizoides Gracillima.** May-June. Rosy carmine. 2 ft. **Seeds,** 25c per pkt.

See also Novelties Page 79.

HIBISCUS (Rose Mallow) 3 to 5 Feet

Noble, shrub-like plants, with handsome green foliage, bearing throughout summer large bright flowers, from 3 to 5 inches in diameter. August-September. Very hardy. Suitable for garden and indoor use when cut.

7945 **Crimson Eye.** Creamy white flowers, large crimson center. **Seeds,** 10c per pkt.

7950 **Golden Bowl.** Deep cream, with a velvety maroon center. **Seeds,** 10c per pkt.

7955 **Moscheutos (Rose Mallow).** Very showy pink flowers. **Seeds,** 10c per pkt.

7960 **Mixed Mallow Marvels.** Grand assortment. **Seeds,** 10c per pkt. **Plants,** 3 for 65c; doz., $2.00; 100, $12.00.

7965 **Mallow Marvels, Red.** Very choice. **Seeds,** 15c per pkt. **Plants,** 3 for $1.00; doz., $3.50; 100, $20.00.

—**Mallow Marvels, Pink.** **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Mallow Marvels, White.** **Plants,** 3 for 85c. doz., $2.50; 100, $15.00.

HOLLYHOCK—See Page 75.

HOSTA (Funkia or Day Lily)

HOSTA (Funkia or Day Lily)

Very attractive plants with broad overlapping leaves of various markings; very ornamental, surmounted by dainty lily-like flowers in terminal racemes. 1½-2 ft. July-August. Effective in front of shrubbery under trees, or any shady position where they thrive best.

—**Fortunei.** Deep blue-green foliage; pale lilac flowers. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Coerulea (Lanceolata).** August. Dark blue. 1 ft. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Undulata Medio Variegata.** 12 in. Silvery white, lined green. Very ornamental foliage plant. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

—**Subcordata Grandiflora.** Flowers white, large leaves, **Plants,** 3 for $1.25; doz., $4.00; 100, $30.00.

HYACINTHUS

8060 **Candicans (Cape Hyacinth).** A snow-white summer flowering Hyacinth, 3 to 5 ft. tall, surmounted with from 20 to 30 pure white bell-shaped flowers. Pkt., 15c.

HYPERICUM (St. John's Wort)

A splendid new shrub-like plant of pendulous spreading habit. The flowers are golden yellow over 2 in. in diameter, like immense single buttercups. A most desirable plant for sunny situations.

—**Moserianum.** July-September. Golden yellow, 3 ft. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

IBERIS (Perennial Candytuft)

Dwarf evergreen plants, 6 to 10 in., covered with blooms in spring and early summer. Excellent for rockeries or borders where bright dwarf masses are wanted.

8075 **Gibraltarica.** Pinkish white. **Seeds,** 10c per pkt.

8080 **Sempervirens.** Flowers form a sheet of whiteness. **Seeds,** 15c per pkt.

INCARVILLEA

8085 **Delavayi (Hardy Gloxiania).** 2 ft. June. Splendid gloxinia-like flower borne in large bright rose umbels. Likes a sunny situation. **Seeds,** 25c per pkt.

IRIS

8090 **Kaempferi (Japanese Iris).** The seeds we offer have been saved from our own unrivaled collection, and should produce only varieties of the highest merit. Seed of slow germination. **Seeds,** 10c per pkt.

8091 **Large-flowering Hybrids.** This seed comes from the trial grounds and workshop of a French specialist who has introduced many new and beautiful varieties and this seed should produce some attractive sorts. Iris seedlings usually bloom second year. Pkt., 50c.

(For other Iris see pages 89 to 91.)

—**KNIPHOFIA.** See Tritoma.

Vaughan's Perennial Flower Seeds and Plants

LATHYRUS Latifolius (Perennial Pea)

LATHYRUS LATIFOLIUS (Hardy Pea)

Very decorative climbing vines of the Pea family, for growing on fences, trellis, etc., as floral screens and for cutting. Blooms all summer.

8095 **Albus.** 6 ft. Pure white. **Seeds,** 10c per pkt.
8100 **Pink Beauty.** Pale pink variety. **Seeds,** 10c per pkt.
8105 **Rubra.** Bright rosy crimson. **Seeds,** 10c per pkt.
8110 **White Pearl.** Large-flowering white. **Seeds,** 15c per pkt.
8115 **Mixed.** The above colors. **Seeds,** 10c per pkt.

LAVANDULA

Delightfully fragrant flowers, much used when dry on account of their sweet odor.

8116 **Vera (True Lavender).** June-August. Blue. 2 ft. **Seed,** pkt., 10c. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

LIATRIS (Kansas Gay Feather)

—**Pycnostachya.** One of the choicest and boldest species. Flowers purple in dense spikes, which bloom a long time. Foliage thick and grass-like; excellent for masses in the border. 4 to 5 ft. July-August. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

8118 **Spicata (Button Snakeroot).** Western and Southern States. Purple flowers on spike 6 to 15 in. long. 2 to 3 ft. July-September. **Seeds,** 10c pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

LINARIA (Toad Flax)

Showy free-flowering plants of a trailing habit. Good for borders, window boxes or rockeries.

8120 **Cymbalaria (Kenilworth Ivy).** 3 in. Dainty lilac and orange; flowers throughout summer; trailing habit. **Seeds,** 10c per pkt.

LINUM (Flax)

8125 **Perenne Blue.** May-August. 2 ft. Pearly blue flowers. A graceful hardy perennial. **Seeds,** 10c per pkt.
8130 **Album.** Milk-white flowers, very decorative. **Seeds,** 10c per pkt.
8135 **Mixed. Seeds,** 10c per pkt.
8140 **Flavum.** 1-2 ft. June-July. Yellow. **Seeds,** 10c per pkt.
—**Austriacum.** 1-2 ft. All summer. Violet-red or light blue. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

LOBELIA

8145 **Cardinalis (Cardinal Flower).** 2 ft. July-October. Brilliant fiery scarlet flowers, prefers moist position. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.
—**Syphilitica.** 3 ft. August-September. Fine spikes of blue flowers. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

LUNARIA

8150 **Annua (Biennis) (Honesty or St. Peter's Penny).** Flowers purple, followed by silvery seed pods, prized for winter decoration. Annual but readily self-sows. **Seeds,** 10c per pkt.
8155 **Alba.** Pure white. **Seeds,** 10c per pkt.

LUPINUS (Polyphyllus)

Most beautiful hardy border plants producing tufts of soft green foliage, from which arise in continuous succession the stately spikes of bloom. June-September.

8165 **Blue.** 3 ft. Stately spikes of blue. **Seeds,** 10c per pkt.
8170 **Albus.** Large, pure white spikes. 2-3 ft **Seeds,** 10c per pkt.
8172 **Moerheimi.** 2-3 ft. Beautiful soft pink, a wonderful Lupin. **Seeds,** 15c per pkt.
8175 **Roseus.** 4 ft. Light and dark rose flowers on long stem; fine for cutting. **Seeds,** 15c per pkt.
8180 **Mixed.** Splendid value. **Seeds,** 10c per pkt.
See Also Novelties on Page 79.

LYCHNIS

8189 **Arkwrightii.** New. A cross between Chalcedonica and Haageana. 2 to 3 ft. May. Rich, effective colors. **Seeds,** 25c per pkt.
8190 **Chalcedonica (Jerusalem Cross).** 3 ft. June-August. Burning Star. Flowers which are of the most fiery red imaginable appear in clusters, each individual blossom forming a maltese cross. Will bloom from seed the first year. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz.. $2.50; 100, $15.00.
8195 **Chalcedonica Alba.** White. **Seeds,** 10c per pkt.
8200 **Alpina.** 4 in. April. Clusters of rose-colored flowers, dwarf. **Seeds,** 20c per pkt. **Plants,** 3 for 85c; doz., $2 50; 100, $15.00.
8201 **Flos-Cuculi (Ragged Robin).** 1-2 ft. May-August. Very pretty rose-pink flowers. **Seeds,** 10c per pkt.
8205 **Fulgens.** 1-1½ ft. Bright scarlet. **Seeds,** 15c per pkt.
8210 **Haageana Hybrids.** 1 ft. June-July. Mixed, ranging from nearly white to bright scarlet. **Seeds,** 10 per pkt.
8215 **Viscaria Splendens.** 1½ ft. Makes large clumps of almost evergreen foliage. Comes into bloom in early June and continues for six weeks or more. Its flowers are bright crimson; useful for cut flowers. **Seeds,** 10c per pkt.

LYSIMACHIA

—**Nummularia (Creeping Jenny or Moneywort).** Valuable for planting under trees or shrubs where grass will not grow. June-August. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

LYTHRUM

8220 **Roseum Superbum.** 4 ft. July-September. A native perennial, good for massing. Flowers rosy-lilac produced on long slender spikes. **Seeds,** 10c per pkt.
—**Rose Queen.** 2 to 3 ft. July-September. A remarkably free-blooming variety with long graceful spikes of rosy-pink flowers. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

LYCHNIS Chalcedonica

LUPINUS Polyphyllus

MERTENSIA (Blue Bells or Virginia Cowslip)

A lovely plant for choice spots in borders, or rock gardens, preferring a Southwest aspect; will thrive in any good soil and in the shade.

—**Virginica.** May-June. Light blue. 18 in. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

MICHAELMAS DAISY—**See Aster.**

MINT (Mentha)

—Old-fashioned hardy, useful plant. 4 in. pots. **Plants,** 3 for 65c; doz., $2.00; 100, $10.00.

MONARDA (Bergamot or Bee Balm)

Fine for naturalizing in woods and shrubbery; bearing large whorls of flowers and fragrant foliage; good for bees. Sandy loam and sunny position. Fine for masses.

—**Didyma.** June-September. Brilliant scarlet. 3 ft. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.
—**Fistulosa.** 3 ft. July. Purple flowers. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

MYOSOTIS (Forget-Me-Not) **See Page 76.**

NEPETA

These little plants give clouds of bright blue flowers all summer. Makes a fine permanent edging and an excellent rock plant.

—**Mussini.** May-September. Light blue. 1 ft **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

OENOTHERA (Evening Primrose)

Showy and beautiful plants for borders, beds, etc., flowering from June to October.

8255 **Fraseri.** Rich golden yellow. 2-3 ft. **Seeds,** 10c per pkt.
8260 **Lamarckiana.** 2 ft. Large flowered, yellow. **Seeds,** 10c per pkt.
8261 **Missouriensis (Macrocarpa).** 1 ft. Long trailing stems with large yellow flowers. **Seeds,** 10c per pkt.
8265 **Youngii.** Yellow. 1-3 ft. **Seeds,** 20c per pkt. **Plants,** 3 for 85c; doz , $2.50; 100, $15.00.

PACHYSANDRA

Small whitish flowers in May, which are insignificant, deep green, evergreen foliage, after the Helleborus type but much smaller; unsurpassable where an evergreen carpet is required. Looks well on graves, around shrubs and under trees, thrives anywhere.

—**Terminalis.** May. White. 4 to 6 in. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

Vaughan's Perennial Flower Seeds and Plants

POPPY, Oriental

PAPAVER (Poppy)

Nudicaule (Iceland Poppy).

Elegant free-flowering plants bearing flowers in abundance all summer. 15 in. May-Aug.

8275 **Nudicaule.** Yellow.
8280 **Orange.**
8285 **White.** Any color. **Seeds,** 10c per pkt.
8270 **Mixed.** **Seeds,** 10c per pkt.
Plants, 3 for 85c; doz., $2.50; 100, $15.00.
8290 **Double Mixed.** Extra fine strain. **Seeds,** 15c per pkt.
8295 **Bracteatum.** 3 ft. Scarlet. **Seeds,** 10c per pkt.

See also Novelties Page 79.

Orientale (Oriental Poppy)

For gorgeous coloring the Oriental Poppies have few rivals among hardy plants. They produce magnificent effect in shrubberies and herbaceous borders, while for cutting they are invaluable. 3 ft. May-June.

8300 **Annual Oriental.** A new strain of the Oriental Poppy, which will bloom the first year, if sown early. **Seeds,** 25c per pkt.
—**Mrs. Perry.** Delicate salmon-rose. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.
—**Royal Scarlet.** **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.
8305 **Princess Victoria Louise.** Large flower, soft lilac-rose color. **Seeds,** 15c per pkt.
8310 **Oriental Red.** Very striking color. **Seeds,** 10c per pkt.
8315 **Oriental Hybrids, Mixed.** **Seeds,** 10c per pkt.

PENTSTEMON (Beard Tongue)

The Pentstemons bloom persistently through the summer, and are found very useful for cut flowers, or for color masses in the garden. Easily grown in any garden soil.

8316 **Barbatus Torreyi (Chelone Barbata).** July-August. Coral red. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.
8317 **Coccineus.** Scarlet. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.
8325 **Pubescens.** Rosy purple. 2 ft. **Seeds,** 10c per pkt.
8330 **Large Flowering Newest Hybrids.** Splendid assortment of colors. **Seeds,** 15c per pkt.
8335 **Digitalis.** 2 ft. June-July. Purple and white. **Seeds,** 25c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.
8336 **Sensation.** Although this is a perennial it can easily be grown as an annual. If sown in heat in February or March, they will flower freely the first year, producing large spikes of handsome flowers. Often 2 in. across and in the most brilliant and varied colors. **Seeds,** 25c per pkt.
8337 **Southgate Gem.** A distinct and very pretty Pentstemon, with long graceful stems carrying numerous rich poppy-red flowers, showing pure white throats. **Seeds,** 25c per pkt.

See also Novelties Page 79.

PEONY

8339 **Chinensis Double Mixed.** Seed saved from our own collection at our nursery. Seed germinates very slowly. Keep seed bed undisturbed. **Seeds,** pkt., 15c. **Plants,** see page 92.

PHLOX (Hardy)

8340 **Decussata.** 2-3 ft. June-October. Perennial varieties mixed from a celebrated collection. Seed slow in germination and may not sprout in a year. **Seeds,** 15c per pkt.

PLANTS—See Page 92.

PHYSALIS

8345 **Franchetti (Chinese Lantern Plant).** 1½ ft. Flowers yellow with dark center. Produces balloon-like husks, which turn bright red when ripe and resemble Chinese lanterns. **Seeds,** 10c per pkt. **Plants,** 3 for 65c; doz., $2.00; 100, $12.00.

PLATYCODON (Chinese Bell Flower or Balloon Flower)

Very handsome border plants of the Campanula family, the flowers in bud having the appearance of inflated balloons; they flower from June to September.

8360 **Grandiflorum.** 1-2 ft. Large, handsome, deep blue flowers. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.
8365 **Grandiflorum Album.** White. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.
8370 **Mariesii Blue.** 1 ft. Deep blue flowers, dwarf. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.
8375 **Mariesii Alba.** White. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

PHYSOSTEGIA Vivid

PHYSOSTEGIA (False Dragon Head)

Fine for a cool situation and rich, light soil, bearing erect spikes of pretty tubular flowers. Useful for borders, wild gardens and for cutting.

8350 **Virginica.** Dense bushes with spikes of delicate pink tubular flowers. 3 ft. June-September. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.
8355 **Alba.** White. 3 ft. June-September. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.
—**Grandiflora "Vivid."** One of the best of the late-blooming perennials. It blooms three weeks later than the other Physostegias, the individual flowers are larger and of a deeper, much more vivid pink, and they last a long time when cut. Height, about 20 inches.
Plants, 3 for $1.00; doz., $3.50; 100, $25.00.

POLEMONIUM (Jacob's Ladder)

8380 **Coeruleum (Greek Valerian).** 2 ft. Beautiful sky-blue spikes. April-July. Foliage fern-like. **Seeds,** 10c per pkt.
8385 **Album.** Pure white. **Seeds,** 10c per pkt.
8387 **Reptans.** 8 to 10 in. April-June. Dwarf bushy plant of graceful growth. Showy blue flowers. Rock garden and fine border plant. Pkt., 15c.
Plants, 3 for 85c; doz., $2.50; 100, $15.00

See also Novelties Page 79.

POLYGONATUM (Solomon's Seal)

—**Multiflorum.** Arching sprays of greenish white flowers; useful for cutting. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

POTENTILLA (Cinquefoil)

8390 **(Formosa.)** Strawberry-like foliage, with cherry rose-colored flowers in summer. 1-2 ft. **Seeds,** 10c per pkt.
8392 **Nepalansis (Miss Willmott).** This variety being an improvement on Formosa. Flowers very freely with salmon-pink flowers. Pkt., 25c.
8395 **Single Mixed.** All colors. **Seeds,** 10c per pkt.
8400 **Double Mixed.** All colors. **Seeds,** 20c per pkt.
8401 **Rupestris.** 20 in. Flowers white in June. **Seeds,** 15c per pkt.

POPPY—See Papaver

PRIMULA (Primrose)

These hardy Primroses are among our most delightful spring flowers. They require a partially shaded location.

8405 **Auricula.** 6 in. Flowers in early spring in colors of yellow, brown and red. **Seeds,** 25c per pkt.
8410 **Japonica.** Several superimposed whorls of flowers on stems. 8-24 in. high. June. Mixed. **Seeds,** 15c per pkt.
8415 **Veris, Mixed.** The Oxlip, bearing bright yellow flowers in umbels. 6-9 in. **Seeds,** 15c per pkt.
8420 **Veris Grandiflora, Mixed.** An extra choice large flowered mixed strain. **Seeds,** 25c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.
—**Rheingold.** June-July. Orange and yellow. 10 in. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.
8421 **Acaulis (Vulgaris) (Common Primrose).** Flowers bright yellow; fragrant. **Seeds,** 10c per pkt.

See Also Novelties
Pyrethrum Roseum (Painted Daisy)—See Page 76.
See also Novelties Page 79.

PUERARIA (Kudzu Vine)

8425 **Thunbergiana (Jack-and-the-Bean-Stalk).** 50 ft. Flourishes where nothing else will grow. The large bold leaves of the brightest green afford a dense shade. Its greatest feature is its wonderful strong growth. **Seeds,** 10c per pkt.

RANUNCULUS (Buttercup)

Well-known double yellow buttercup, effective either as a cut flower or grouped in the hardy borders.

8446 **Asiaticus.** Flowers in May, variable in color, generally double in form. 6-12 in. **Seeds,** 15c per pkt.
—**Acris fl. pl. (True Buttercup.)** May-June. Yellow. **Plants,** 3 for $1.00; doz., $3.50; 100, $20.00.

ROMNEYA

8445 **Coulteri (California Tree Poppy).** 5 ft. Flowers all summer. Beautiful snowy-white, fragrant flowers. **Seeds,** 15c per pkt.

RUDBECKIA (Cone Flower)

The Rudbeckias are very decorative plants for shrubberies, flower borders or side of auto drives, thriving in any good garden soil. Golden Glow is perhaps the best known kind, although they are all worthy of a trial, especially the Purpurea for its wine-red color.

8450 **Fulgida.** Yellow. 1-2 ft. **Seeds,** 10c per pkt.
8455 **Hirta. (Black-Eyed Susan.)** 1-3 ft. **Seeds,** 10c per pkt.
8460 **Speciosa (Newmanii).** 3 ft. Rich golden yellow with central black disc. **Seeds,** 15c per pkt.
—**Purpurea Grandiflora.** See **Echinacea Purpurea.**
—**Laciniata fl. pl. (Golden Glow.)** July-October. Yellow. 5 to 7 ft. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.
—**Laciniata Compacta.** 2 to 3 ft. July-October. Yellow. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

SALVIA

Beautiful plants, with long spikes of tubular blue flowers. Leaves of Officinalis used for seasonings and dressings. Pitcheri makes a grand showing in the fall and is without a doubt one of the best of all Autumn blue flowers.

8470 **Argentea.** 3 ft. June. Silvery-white foliage, pyramids of yellow flowers. **Seeds,** 10c per pkt.
8475 **Azurea Grandiflora.** 4 ft. September-October. Stately willow-like growth, spikes of pale blue flowers. **Seeds,** 15c per pkt.
8480 **Patens.** 2 ft. Large, rich, deep blue flowers. September. **Seeds,** 25c per pkt.
—**Pitcheri (Meadow Sage).** September-October. Deep blue. 3½ ft. **Plants,** 3 for $1.00; doz., $3.50; 100, $20.00.
—**Officinalis (Common Sage).** White-woolly. 6-12 in. **Plants,** 3 for 65c; doz., $2.00; 100, $10.00.

See also Novelties Page 79.

Vaughan's Perennial Flower Seeds and Plants

SCABIOSA Caucasica

SAPONARIA

8485 **Ocymoides Splendens.** 6 in. A showy dwarf trailing plant, producing a sheet of vivid crimson flowers. June-August. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

SAXIFRAGA (Megasea)

These will thrive in any kind of soil and in any position; grow about 1 ft. high and are admirable for the front of the border or shrubbery, forming masses of handsome, broad deep green foliage with pretty rose-pink flowers which appear very early in the spring.

—**Cordifolia.** Light pink. **Plants,** 3 for $1.25; doz., $4.00; 100, $30.00.

See also Novelties Page 79.

SCABIOSA (Pincushion)

8490 **Caucasica Perfecta.** Light blue flowers on long stem; fine for cutting. 18 in. June-October. **Seeds,** 15c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

8495 **Japonica.** 2 ft. Lavender-blue flowers. September to frost. **Seeds,** 10c per pkt.

SEDUM

Fine plants for rock-gardens, ruins, banks and walls, preferring open, loamy soil and stones. They will, however, flourish anywhere in city or country and stand dry weather. They are especially suited to sunny locations.

—**Acre (Golden Moss).** May-June. Yellow. 3 in. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Brilliant.** June-July. Scarlet. 12 in. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Rubrum.** June-August. Brilliant red. 18 in. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Spectabile.** One of the prettiest erect-growing species, attaining a height of 18 inches, with broad, light green foliage and immense heads of handsome showy rose-colored flowers. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

SIDALCEA

Erect-growing, more or less branching plants, producing their showy flowers during June-July. They will succeed in any garden soil in a sunny position.

8496 **Rose Queen.** 2-3 ft. July-August. Beautiful rose-pink flowers. Very distinct. **Seeds,** 15 per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

SILENE (Catchfly)

Useful plants for front row of Herbaceous border, bearing quantities of bright flowers.

8500 **Orientalis.** 8 in. Handsome rosy pink flowers. **Seeds,** 10c per pkt.

8505 **Schafta.** 4 in. July-October. Bright rose; one of the best Autumn border plants. **Seeds,** 15c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

SOLIDAGO (Golden Rod)

8510 **Canadensis.** 3-5 ft. August-November. Gracefully arched sprays of golden yellow flowers. **Seeds,** 10c per pkt.

SPIRAEA (Meadow Sweet)

(See Filipendula Hexapetala)

STACHYS

8515 **Lanata.** 1-1½ ft. Grown for the effect of its dwarf, white woolly foliage; the flower spikes should be removed. **Seeds,** 10c per pkt.

STATICE (Sea Lavender)

Large spreading panicles of light graceful flowers, much prized for winter decoration when dried.

8516 **Caspia.** The multitude of small flowers composed in spikes of a height of 2 to 3 ft., are of a tender lilac color. **Seeds,** 15c per pkt.

8520 **Latifolia.** 2 ft. Dense branching plumes of deep blue flowers. **Seeds,** 10c per pkt. **Plants,** 3 for $1.00; doz., $3.50; 100, $18.00.

STENANTHIUM (Mountain Feather Fleece)

—**Robustum.** A rare perennial with showy panicles of pure white fleecy flowers in August and September on stems 4 to 5 ft. high; requires a moist, semi-shady position. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

STOKESIA (Stokes Aster)

8525 **Cyanea.** 18 in. July-October. Flowers rich blue, like a giant cornflower, very distinct. **Seeds,** 10c per pkt.

—**Cyanea Alba.** The white companion of the preceding. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

8535 **Cyanea, Mixed Colors.** **Seeds,** 15c per pkt.

SWEET WILLIAM—See Dianthus Barbatus Page 75.

TARRAGON

—**True.** Used for cooking purposes. Large clumps. (This variety does not produce seed.) **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

THALICTRUM (Meadow Rue)

These stately plants should be more grown on account of their finely cut foliage, which much resembles that of Maiden-Hair Ferns.

8540 **Adiantifolium.** 9 in. June-July. Finely cut maiden-hair-like foliage, with light plumes of small whitish flowers. **Seeds,** 10c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

8545 **Dipterocarpum.** 4 to 5 ft. August-September. A new introduction from China. Very graceful plumes of rosy purple flowers and conspicuous yellow anthers. **Seeds,** 25c per pkt. **Plants,** 3 for $1.00; doz., $3.50; 100, $20.00.

8546 **Flavum.** Common yellow variety. 2-4 ft. Flowers in June. **Seeds,** 15c per pkt. **Plants,** 3 for $1.00; doz., $3.50; 100, $20.00.

8547 **Glaucum.** Fine cut glaucous foliage. Bronze-yellow flowers in June. 2 ft. **Seeds,** 15c per pkt. **Plants,** 3 for $1.00; doz., $3.50; 100, $20.00.

THERMOPSIS

8550 **Caroliniana.** A showy, tall growing plant, attaining a height of 3 to 4 ft., producing long spikes of canary-yellow flowers in June and July. A wonderful plant to set next to tall evergreen hedge. **Seeds,** 25c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

TRADESCANTIA

—**Virginiana.** (Spiderwort.) Long grass-like leaves and blue or violet flowers. 2 ft. May-August. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

TRILLIUM (Wake Robin)

One of the most beautiful of our native flowers. Hardy everywhere. Should be planted in partial shade. Splendid for naturalizing in moist shaded places. Flowers are pure white.

—**Grandiflorum.** May-June. White. 12 in. **Plants,** 3 for 65c; doz., $1.50; 100, $8.00.

TRITOMA (Kniphofia) (Torch Lily, Flame Flower, Red-Hot Poker)

Very handsome and showy border plants. Flowers borne in compact form on stout 3 and 4 ft. stems, having the appearance at a distance of orange and red colored spear heads. Require protection during winter, unless in a very sheltered position.

8555 **Uvaria Grandiflora.** 4 ft. August-November. The ordinary red Tritoma. **Seeds,** 15c per pkt.

—**Grandis (Pfitzeri).** Orange-scarlet. 2-3 ft. August-September. **Plants,** 3 for $1.00; doz., $3.50; 100, $20.00.

See also Novelties Page 79.

TROLLIUS (Globe Flower)

Desirable free-flowering plants, producing their giant buttercup-like blossoms on stems 1-2 feet high, from May until August; succeed admirably in the border in a half-shady position in well-drained, preferably light soil.

—**Europaeus Ledebouri.** Large orange-yellow flowers. Blooms until end of June. **Plants,** 3 for $1.40; doz., $4.50.

STATICE Latifolia

VALERIANA (Garden Heliotrope)

—**Officinalis.** Produces showy heads of rose-tinted white flowers during June-July with delicious strong heliotrope odor. 3 to 4 ft. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

8560 **Var. Rubra.** 2 ft. Sweet-scented red flowers. **Seeds,** 10c per pkt. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

8565 **Var. Alba.** Pure white fragrant flowers. Flowers in June and is one of the most charming perennials. **Seeds,** 10c per pkt.

VERNONIA (Ironweed)

—**Altissima.** A hardy perennial herb of attractive appearance with rather large heads of purple flowers in terminal clusters in late summer or late fall. 5-10 ft. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

VERONICA (Speedwell)

Among the prettiest of herbaceous plants, bearing in most cases blue flowers, which are much needed.

8570 **Spicata.** Blue. 2 ft. July-August. Small spikes of rich blue flowers. **Seeds,** 15c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Spicata Alba.** June-July. White. 18 in. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

8575 **Perennial Varieties, Mixed.** **Seeds,** 15c per pkt.

—**Amethystina.** June-July. Blue. 2 ft. **Plants.** 3 for 85c; doz., $2.50; 100, $15.00.

8576 **Longifolia.** Spikes of light blue flowers, glaucous blue foliage. 2½ ft. July-September. **Seeds,** 15c per pkt. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**Rupestris.** Dwarf and spreading. Deep blue flowers. May-June. **Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

VINCA

Valuable for rockeries or makes a fine evergreen carpet under and about shrubs and trees.

—**Minor (Grave Myrtle).** 4 in. June. Green foliage, large blue flowers. **Plants,** 3 for 65c; doz., $2.00; 100, $12.00.

VIOLA (Violet)

8580 **Single.** Deep blue, common single violet. **Seeds,** 10c per pkt.

—**Jersey Gem.** (New) Short, bushy growth blooming throughout the summer, having flowers of rich pure violet. Long stems make it a good cut-flower variety of the Violas. **Plants,** 3 for $1.00; doz., $3.50; 100, $25.00.

For Viola Cornuta see Page 73.

YUCCA (Adam's Needle)

8585 **Filamentosa.** 5-6 ft. or more. June-July. Handsome creamy white flowers, much branched and densely packed with bloom, with sword-like foliage. **Seeds,** 10c per pkt.

—**2-Year. Plants,** 3 for 85c; doz., $2.50; 100, $15.00.

—**3-Year. Plants,** 3 for $1.25; doz., $4.00.

Garden Chrysanthemums

SMALL-FLOWERING (POMPON) OUTDOOR TYPE

SMALL-FLOWERED
Outdoor Varieties

The following varieties are a cross between French sorts and the Hardy English varieties and have gained popularity in this country in recent years, because with slight protection they will withstand our severe winters.

Price, each, 20c; doz., $1.50; per 100, $8.00 (by exp.).

BIJOU ROSE. Beautiful rose; free-flowering; dwarf growing.
BRONZE QUEEN. Bronze-red underlaid with yellow, changing to orange with yellow showing through. Petals flat, but slightly twisted.
CLARINDA. Semi-dwarf, producing erect sprays of an even shade of bronze.
CHARLOTTE. Deep bronze.
COMETA. Dark rose shaded magenta.
FAIRY QUEEN. Very handsome bright pink, large.
FRANCIS HUCKVALE. Pure white; early-flowering and very free-bloomer.
HILDA CANNING. Reddish bronze button.
KATE MANNING. Reddish bronze; very early.
MISS SEELEY. White, one of the best earlies
UNEDA. Deep yellow; early.
WINNETKA. Pure white; very free-flowering.
YELLOW GEM. Lemon-yellow; very showy.
ZODA. Rose-pink; early
SPECIAL OFFER No. 88. The set of 14 Pompons for $2.25 prepaid.

LARGE-FLOWERED
Outdoor Type

A Chrysanthemum that would flower successfully in the open garden has been wanted a long time, and in the following we offer a set that will furnish an abundance of flowers from August until heavy frost. They grow from 2 to 4 feet high, thriving in any good garden soil.

Price, each, 25c; prepaid; doz, $2.00, per 100, $10.00 (by exp.).

A. BARHAM. A beautiful orange-bronze, the first variety of this color to come into flower. Shows up wonderfully well under light when used as a decoration.
CARPET OF SNOW. Double pure white star-shaped flowers produced in great abundance. Very early and hardy.
CARRIE. Flowering the end of August. Yellow and in cluster form.
CRANFORDIA. Color deep bronzy yellow. In this variety we have an early-flowering 'Mum that covers every possible point; perfect in flower and stem; foliage up to the flower, and every plant will carry twelve to twenty beautifully finished blooms.

WE WISH our patrons to note that in our list of Chrysanthemums we do not pretend to have the largest collection of varieties; but we offer those varieties that have proven the best from all sources. Chrysanthemums fill an important place in the garden program. They blossom in the late fall, after most of the other flowers have gone and upon them we must depend for the final weeks of the garden season.

They are easily grown and the hardy types can be carried over even in severe winters, if they are given protection. None should be grown in sections where zero temperature is frequent, unless they are protected through the winter. A heavy mulch of leaves is the best protection, put on after the ground is frozen; as otherwise rodents are likely to cause damage.

It is possible for excellent specimens of the indoor types to be grown by the amateur. They blossom before severe weather arrives and a sun-porch usually gives sufficient protection.

CRANFORDIA PINK. Beautiful shade of light pink. Growth and habit same as Cranfordia
CRANFORDIA WHITE. Pure milk white; very desirable variety; free-flowering
FIREFLY. A reddish bronze; flowers very early and continues until late frosts arrive.
G. GRUNNERWALD. A very fine variety of the Japanese section. The flowers average 5 inches; color, light pink.
GOLDEN QUEEN. Large pure golden yellow.
HARDY PINK. This is one of the hardiest varieties we know of. Flowers are a deep rose-pink of medium size; very free-flowering.
LE PACTOLE. Bronzy yellow, large flower; heavy foliage and strong grower. Disbud slightly.
MRS. H. H. CRANE. Brilliant mahogany striped golden yellow. A strong grower and early-flowering variety.
PINK HARBINGER. A fine rose-pink variety; large flowering, coming in bloom early and extending its flowering period late into the fall.
WOLVERINE. Very early, flowering outdoors with Normandie and Carrie in this locality about August 20. A seedling from Normandie but much heavier and stronger stem. Produces large sprays; color, bright yellow.
SPECIAL OFFER No. 88A. Set of above 14 Large-Flowered (Outdoor Type) plants for $2.50, prepaid.

LARGE-FLOWERING OUTDOOR TYPE

ANEMONE TYPE

The anemone flowers consist of one or more rows of flat or tubular ray florets, with shorter quilled or tubular disk florets of the same or a distinct color.

Price, each, 25c; doz., $2.00; 100, $10.00.

CLEMENCIA. Deep pink, shading deeper in the center, and crowded with petals.
GRAF VON OLA. Both ray and disc florets are an even shade of deep rose-pink.
LAELIA. Light pink color, uniform when developed.
MAPLE LEAF. Flowers light yellow overlaid with old rose. Ray florets sulphur-yellow, lightly penciled with old rose. Center pale lemon-yellow.
MISS WARNER. Flesh pink; fine for plants.
TITIAN BEAUTY. Color deep, rich bronze, shading in center to scarlet; the most striking of the collection; outer petals reflex, showing the center.
SPECIAL OFFER No. 88B. The set of 6 Anemones for $1.25, prepaid.

CAPRICE TYPE

Originated in France. A new early-flowering strain and ideal for pot culture. Can be planted out in the open ground in May if desired and potted the first part of September, making beautiful specimens. Each, 25c prepaid; doz., $2.00; 100, $10.00, by exp.

BUTLER'S CAPRICE. Flowers deep pink; compact grower.
IMPROVED YELLOW CAP. Deep buttercup-yellow.
KATHERINE THOMPSON. Bronze and orange; strong grower
MRS. GREENING. Flowers pink, with lighter shade in center; fine large foliage and strong stem.
LILAC CAP. Pretty lilac-mauve. Dwarf.
PURPLE CAP. Dwarf compact grower.
WHITE CAP. Pure white.
SPECIAL OFFER No. 88C. Set of 7 for $1.35, ppd.

FOR POT CULTURE

Following varieties are most adapted for plants of all decorative sizes and are used extensively as conservatory and house plants.

Price, except where noted, each, 25c, prepaid; doz., $2.00; per 100, $10.00.

ADRIAN PRIDE. A bright yellow coming into bloom about November 20 to 30.
AUG. DASSE. Golden yellow.
BRUTUS. Beautiful shade of bronze; most useful as a specimen plant.
CHAS. RAGER. A pure white incurved of strong growth.
GOLDEN WEDDING. A deep golden yellow. Very strong grower, making a fine plant.
J. W. PRINCE. A dark pink sport of Chieftain; a strong grower.
LOUISE DAVENPORT (Large Pompon). Rich bronze in color; very free-bloomer.
MRS. F. BEU. Bronze.
MARION NEWELL. Pleasing shade of pink.
MAY FOSTER. Snow-white.
MUTUAL FRIEND. Large pure white.
PATTY. A beautiful shell-pink Japanese variety; dwarf habit. This is very fine, both in color and habit; does not fade. Each, 25c; doz., $2.25, 100, $12.00.
THANKSGIVING PINK. A clear pink without any shadings; strong compact grower with heavy foliage. Makes a fine pot plant for Thanksgiving.
THE BARD. Dark crimson; very free-flowering.
WM. H. LINCOLN. Pure yellow.
WILLIAM H. WAITE. Color deep warm bronze so brilliant as to seem almost shading to scarlet in some of the flowers. Price, each, 25c; doz., $2.50; 100, $15.00.
SPECIAL OFFER No. 88D. Set of 16 for $2.50, ppd.

MARION NEWELL

All Collections of Chrysanthemum Plants and those ordered at single plant rate go prepaid. Larger quantities by express at buyer's expense.

Why *You* Should *Grow* the *Modern Giant* Irises

THE modern iris, with huge flowers sometimes six inches in height, often more than four feet tall, with candelabra branching stems, is a product of the last 20 years, but available in wide variety for our gardens for a period of only ten years. Like many of our modern luxuries and conveniences they came as a by-product of scientific investigation. It is to the most eminent physiologist of his day that we are chiefly indebted. Sir Michael Foster, professor of physiology at Cambridge University, England, was the father of modern irises. Upon his death in 1907, other English and French plant breeders continued the work which he had inaugurated and have been producing new irises in bewildering array each year.

To know the charm of the irises, is to desire to possess them; so you may be sure of seeing them each year as they come in blossom. And during their season enthusiasm for their beauties is difficult to suppress.

Enthusiasm for the modern irises is so contagious that within a few years they have become the chief "collector's flower" of American gardens. There are thousands who pride themselves upon growing a collection of varieties, to which they add constantly new varieties as they appear. The improvement in irises constantly going on, keeps alive interest in collecting.

It should be recognized that admiration of the irises does not require that one become a collector. The best interests of a garden and of a collection are seldom in harmony. A collection is esteemed for the completeness of its list, a garden for the beauty of its display. The iris collector renders a service to iris culture, while pursuing a delightful hobby. And the gardener who grows the varieties he admires in the setting best designed to bring out their beauty, is no less deserving of esteem, and no less rewarded with pleasure in his accomplishment.

In selecting irises for the garden, choose carefully; for your display should be representative of the standard now prevailing. Everyone can do this now; even the newer varieties are not high priced, and there are old ones still unsurpassed, and never likely to be superseded, which can be had at minimum prices. Each variety in our list has, preceding it, the rating of the American Iris Society based on a scale of 10; from which an unbiased judgment of its relative merits may be obtained.

Irises dominate in the border during the period that follows the May-flowering tulips and precedes the peonies. Their season continues about one month. Those few perennials which blossom with them cannot compare with the irises in grandeur; so that no garden can afford to do without them.

If there is any flower more easily grown, more gratefully responsive to the gardener's care, we do not know it. And our American climate seems to have been made for the hardy varieties; they enjoy our cold winters and our hot summers, and ask only a place in the sun, which is well drained. They may be planted in the midsummer, the autumn or the spring; and they do well in each case.

The Culture of Irises

The main cultural detail for the tall bearded or dry irises is drainage and all the sun possible. They require a summer bake to do their best. They also demand a well limed soil. They need no fertilizing but benefit from an occasional dressing of bone meal worked into the soil or a coating of wood ashes in alternating years with lime; or better still, a coating of gypsum in the spring shortly after growth starts. Gypsum provides the lime element in the form which best suits irises.

Gypsum is also the best known preventive and cure of iris rot, the dread of all iris growers. This is a most discouraging affliction, manifesting itself by the growing fan of leaves toppling over and then parting from the rhizome just before or after the blooming season.

AMBASSADEUR
The Best of the Bronze Irises

The root will be found to be soft and evil smelling. The cure is to scoop out the rotten portion down to the sound flesh of the rhizome and fill the hollows and all about the plant with dry powdered gypsum. A permanganate of potassium solution poured into the cavity and soaked about the roots will also help. An early gypsum coating covering the crown of the plant is the best and surest preventive.

The Iris Borer

The chief enemy, after root rot, is the iris borer, an insidious pest that does not destroy the plant but ruins the flowering stems and lays the plant open to rot infection. It starts as a small grub, hatched from the egg of a moth, which eats its way down to the rhizome. At maturity it is a pink worm the size of the little finger. If this pest is infesting an iris planting, the surest way is to dig the plants after blooming, go over the roots carefully, dig out and kill the intruders. This will delay establishing good clumps, but it will in the end prove an effective way of ridding the garden of the pest, and the only one so far discovered. The leaves should be watched for slimy trails or for pieces bitten out of the leaves. When these are discovered the leaf should be pressed between the thumb and finger from its juncture with the rhizome up to the tip and the young grub will be crushed in the fold.

Neither the iris rot nor the borer is likely to bother the amateur gardener excessively. It is relatively easy to keep small plantations free from both pests.

Iris Bargains

Shipped at buyer's expense F. O. B. Chicago.

COLLECTION 7A

9.4	Ambassadeur	9.2	Asia
9.4	Ballerine	9.1	Lord of June
9.1	Queen Caterina	9.3	Souv. de Mad. Gaudichau

One each of above 6 Irises for $10.00.
Three each (18 plants) for $25.00.

COLLECTION 7B

8.3	Archeveque	8.9	Alcazar
8.6	Cluny	8.3	Dejazet
8.3	La Neige	8.7	Opera
	Prospero	8.1	Raffet
	The Inca		Trianon

One each of the above 10 Irises for $4.00.
Three each (30 plants) for $8.00.

50 Plants for $3.00—COLLECTION 6C

Ten each of 5 varieties (50 plants) our selection, for $3.00

COLLECTION 7D

One each of 8 Japanese Irises, listed on page 91, labeled, for $3.50.
Three each (24 plants) for $8.50.

Vaughan's Irises

Flag Iris or Fleur de Lis

PLANTS BY PARCEL POST—If to be sent by parcel post, add postage as follows: Single plants, 5c; 3 plants, 10c; 6 plants, 15c; 12 plants, 25c. We accept no responsibility for delays or conditions that may prove injurious to the contents.

PLANTS BY EXPRESS — We recommend this mode of transit where quantities are over 18 to 24 plants. We pack carefully, but accept no responsibility for delays over which we have no control that may cause injury to the contents.

"S" refers to the three standard, or upright curling petals; "F" to falls or drooping petals.

The figures preceding the varieties are the rating given to them by the Iris Society, 10 being the highest rating used in judging.

Iris are the most effective if planted 3 of a kind in a clump.

Relative Prices are as Follows:

Plants priced at	Each	3 supplied for	per doz.
$0.25		$0.65	$2.00
.30		.80	2.50
.35		.90	3.00
.40		1.10	3.50
.45		1.25	4.00
.50		1.40	4.50

Write for special prices on larger quantities.

DOMINION

New and Choice Varieties

8.3 **Afterglow.** Large flowers of soft grayish lavender shading to rich yellow through the center. A thrifty, tall grower and free bloomer. Each, 75c; 3 for $1.50.

9.4 **Ambassadeur.** 40 inches. "S" smoky bronze; "F" dark velvety maroon. A strong grower, carrying its large flowers well disposed on its stalks; petals of great substance. Vilmorin's finest seedling. Late. Each, $1.50; 3 for $3.00.

Ariadne. A beautiful flower of good substance. "S" pure silvery light blue, with waved edges; "F" deeper blue with violet base. Strong grower and free flowering. Each, $5.00.

9.2 **Asia.** 45 inches. "S" pale silvery lavender deepening at the base to golden yellow. "F" pale reddish purple, lighter at the edges. Base of standards are heavily reticulated, beard bright golden yellow. Stems strong and vigorous, bearing large flowers of unusual substance and form. Each, $4.00; 3 for $10.00.

9.4 **Ballerine.** 48 inches. "S" light violet-blue; "F" a deeper shade. Very fragrant. The large flowers, 5 inches in height, are borne on strong, tall and slender spikes, are waved at the edge. Quite similar to Lord of June, but superior to it on account of its better keeping qualities. Early. Each, $2.00; 3 for $5.00.

Cecil Minturn. 24 inches. "S" and "F," a uniform soft shade of cattleya-rose. A beautiful flower, dome-shaped, with broad ruffled petals. Each, $1.00; 3 for $2.50.

Chasseur. 36 inches. This is no doubt the finest yellow Iris of European origin. Very fine large flower of deep yellow, becoming lighter with age. Each, $5.00; 3 for $12.00.

8.6 **Cluny.** 38 inches. "S" pale lilac-blue; "F" slightly deeper with brown veinings at the base. Flowers of very large size, of fine form and well placed; a very desirable sort. Early. Each, 50c; 3 for $1.00.

8.7 **Crusader.** 42 inches. "S" light blue; "F" deep violet-blue. The flowers are very large, broad-petaled and of great substance; they are freely produced. One of the best clear blues. Midseason. Each, 75c; 3 for $1.50.

8.3 **Dejazet.** 24 inches. "S" bronze rose with golden sheen; "F" reddish violet, the whole beautifully blended. Large, broad flower. Midseason. Each, 50c; 3 for $1.00.

9.1 **Dominion.** A wonderful Iris in a category of its own, and the forerunner of a new race on account of the extraordinary development of the fall. "S" Dauphin's blue or light bluish violet, large, erectly held, well developed and slightly veined. "F" of exceptional substance expanding at the base to a deep rich indigo-purple velvet. Slight veining at throat; conspicuous orange beard; broad blue-green foliage. Each, $8.00.

8.5 **Dream.** 36 inches. "S" and "F" soft clear pink. A beautiful Iris of pallida type. The large flowers are perfect in form and of great substance. Each, $2.00; 3 for $5.50.

8.6 **Edouard Michel.** "S" deep red violet; "F" a slightly deeper tone. Flowers large and of fine shape and substance. The "S" are broad and frilled, the "F" are broad and large. Each, $1.00; 3 for $2.50.

Empress of India. "S" deep lavender; "F" light violet, lighter than standards. A beautiful novelty bearing large blooms on long elegant flower stems. Each, $2.00; 3 for $4.00.

George Yeld. An outstanding variety with a new combination of colors. "S" bright apricot shaded rose; "F" brilliant rose-crimson edged buff. Large flowers of very fine form. Each, $12.00.

8.5 **Grevin.** 26 inches. "S" violet shaded yellow; "F" deep purple. A strong grower with large, well formed flowers. Very attractive. Late. Each, $1.00; 3 for $2.75.

Lady Byng. A beautiful Iris with flowers of exceptionally fine form and substance. The color throughout is a clear pale lavender with a slight suffusion of rose. Each, $4.00.

8.3 **La Neige.** 24 inches. "S" and "F" pure glistening ivory white. The falls are carried stiffly horizontal, reminding one of a Japanese Iris. This is, in our judgment, the best of all whites. Each, 50c; 3 for $1.00.

9.0 **Lent A. Williamson.** 42 inches. "S" lavender-violet; "F" velvety royal purple. The flowers are of gigantic size; it is a tall and luxuriant grower and the flowers are freely produced. Each, 75c; 3 for $2.00.

9.1 **Leverrier.** 42 inches. "S" light purple; "F" rich velvety pansy-violet. A magnificent Iris of vigorous growth, producing its mammoth flowers on tall branching stems. Each, $2.50.

9.1 **Lord of June.** 40 inches. "S" flappy lavender-blue; "F" rich violet-blue. Flowers exceedingly large and handsome; very bold and vigorous habit. Each, $1.00; 3 for $2.50.

9.1 **Magnifica.** 44 inches. "S" light purple on white; "F" dark reddish purple. A fine, strong plant with branching stems close to 4 feet tall. Flowers of heavy texture, measuring 6 inches high; stands heat well. Very fragrant. Midseason. Each, $1.50.

8.5 **Medrano.** 26 inches. "S" and "F" a beautiful dark, smoky claret, a very rare color. Flowers of large size. Early. Each, $1.00.

8 7 **Mlle. Schwartz.** 48 inches. Lovely pale mauve flowers of exceptionally large size, borne on very tall branching stems. Each, $2.00; 3 for $5.00.

8.5 **Moliere.** 28 inches. "S" violet; "F" deep velvety violet; yellow beard. Early. Each, $1.00; 3 for $2.50.

Mother of Pearl. 48 inches. A pale bluish lavender flower of exceptional substance and a lustrous texture. A wonderful Iris, tall and vigorous in growth and free flowering. Each, $1.00.

Mrs. Walter Brewster. 36 inches. "S" lavender-blue; "F" aniline-blue. This was awarded the Mrs. E. Harding prize at Paris in 1921 as the most meritorious introduction of that year. As many as six flowers are open at the same time, some over 6 inches long. Each, $1.00.

8.1 **Neptune.** 38 inches. "S" bright pale blue; "F" rich dark purple. Flowers very large, borne on tall branching stems; very choice. Midseason. Each, 75c; 3 for $1.50.

8.7 **Opera.** 28 inches. "S" Bishop's (red) purple; "F" purple-violet. A wonderful coloring. Each, 50c; 3 for $1.25.

Prospero. 48 inches. "S" pale lavender flushed with yellow at base; "F" deep red-purple with lighter shadings at margin. Heavily marked with brown at the haft. Deep orange beard. Vigorous tall-growing variety bearing enormous flowers of fine shape. Each, $1.00; 3 for $2.50.

9.1 **Queen Caterina.** 40 inches. Pale lavender-violet with orange beard. A strong grower; flowers large with domed standards and rounded, drooping falls. A splendid variety. Midseason. Each, $1.00; 3 for $2.75.

8.1 **Raffet.** 26 inches. "S" delicate soft lavender-blue; "F" lavender-violet, brown markings, at the haft on light ground. Late. Each 50c; 3 for $1.25.

Rotorua. "S" pale lavender blue; "F" same shade, suffused deeper blue at the center. Flowers borne on tall, well-branched stems. Profuse bloomer. Each, $2.00; 3 for $5.00.

8.3 **Seminole.** 30 inches. "S" soft violet-rose; "F" rich velvety crimson, brilliant orange beard. One of the most outstanding sorts. Midseason. Each, 75c; 3 for $2.00.

8.7 **Shekinah.** 36 inches. Clear soft yellow, shaded deeper through the center. One of the finest yellow Irises and the first of pallida growth. Midseason. Each, $1.00; 3 for $2.75,

9.3 **Souv. de Mad. Gaudichau.** "S" and "F," rich deep purple. This is without a doubt the most beautiful of all the deep purple Iris. The plants are vigorous, the stalks are tall and the magnificent flowers, of great size, form and substance, are freely produced and well placed. Early. Each, $2.50; 3 for $6.00

Susan Bliss. 42 inches. Exquisite flowers of a uniform shade of deep rose pink, with a light orange beard. Fine shape and of splendid substance. Tall and very free-flowering. One of the best. Each, $4.00.

The Inca. 24 inches. "S" deep, clear saffron yellow; "F" velvety dark plum, edged with a golden band through center. An improved Peacock's Eye. Midseason. Each, 75c; 3 for $1.50.

Titan. "S" light violet blue, "F" violet-purple, darker red in center, held strictly horizontal. Enormous flowers, the largest of all the Dominion race. Very free-flowering on tall, massive stems. Each, $10.00.

Trianon. 28 inches. "S" nearly flesh; "F" yellow with a cast of blue. A novel and very delicate combination of colors. A vigorous grower and a free-bloomer; flowers large and well formed. Late. Each, 75c; 3 for $1.50.

8.4 **Troast.** 24 inches. "S" deep rosy purple; "F" paler, veined violet changing to brown. Unique and beautiful. Each, $1.00; 3 for $2.25.

8.3 **W. J. Fryer.** 30 inches. "S" bright yellow; "F" deep maroon with narrow yellow border. An improved Iris King. Late. Each, $1.00; 3 for $2.50.

8.5 **Zwanenburg.** 20 inches. "S" cream, striped maroon; "F" dark olive-brown, edged violet. Large flowers of peculiarly pleasing coloring. Early. Each, $1.00.

Standard Irises

8.9 **Alcazar.** "S" light bluish violet; "F" rich velvety crimson-purple. A very handsome Iris of good growth, producing tall, strong, widely branched flower stalks. The flowers are large and of good texture. Similar to Lent A. Williamson. Each, 50c; 3 for 75c.

8.3 **Archeveque.** "S" deep velvety violet; "F" deep purple-violet; an exquisite Iris; a wonderful bloom of finest texture. Each, 50c; 3 for $1.00.

7.5 **Caprice.** "S" reddish purple; "F" deeper, self-colored. One of the best red Irises, very similar to Edouard Michel. Each, 25c.

7.5 **Dalmarius.** "S" pale gray-blue; "F" darker, shaded violet-brown; very distinct. Each, 25c

7.4 **Dr. Bernice.** "S" coppery bronze; "F" velvety crimson. Combines well with soft yellows. Each, 25c.

7.8 **Eldorado.** "S" bronze shaded yellow; "F" violet-purple touched at sides with bronze-yellow. A unique and brilliant color combination. Each, 30c.

8.0 **Fairy.** Beautiful white with blue border and veinings. Very sweet-scented; not as well known as it should be. Each, 25c.

7.6 **Florentina Alba.** Large pure white with a trace of pale blue fragrant flowers. One of the earliest to bloom. Each, 25c.

6.5 **Gertrude.** Deep violet-blue; very fragrant. Each, 25c.

7.9 **Iris King.** "S" old gold; "F" rich crimson bordered with gold; a very desirable variety; tall, with large flowers. Each, 50c.

8.6 **Isoline.** "S" lilac-pink; "F" purplish old rose, with golden throat and yellow beard. One of the handsomest of the Iris family. Each, 50c.

7.8 **Jeanne d'Arc.** Flowers large, petals broad, of a fresh clear lilac. "S" ruffled, spreading in manner of Japanese Iris; "F" pure white, bordered lilac. 3 ft. Each, 25c; 3 for 50c.

8.1 **Juniata.** Clear blue, deeper than Pallida Dalmatica. One of the tallest; flowers large and fragrant. Each, 35c.

7.8 **Kochi.** "S" and "F" rich claret-purple, a very striking dark flower. Also sold as Black Prince, Midnight and Purple King. Very early. Each, 25c.

8.2 **Lohengrin.** Large, handsome pink silvery mauve flowers. Each, 35c.

7.9 **Loreley.** "S" light yellow; "F" ultramarine, bordered cream. Very free-blooming. Each, 25c.

8.4 **Monsignor.** "S" bluish lavender; "F" violet with white pencilings at throat. Flowers of immense size and great substance. Blooms for a long time. One of the best. Each, 25c.

7.4 **Mme. Chereau.** One of the most beautiful of its class. The flowers are pure white, with a broad and irregular border of clear blue, and are borne on strong upright stems that are often from two to three feet tall. Each, 25c.

7.1 **Mrs. Fryer.** "S" white shaded heliotrope; "F" purple-crimson, bordered a lighter shade; white veins from center to base. Orange beard. Each, 35c; 3 for 75c.

7.8 **Oriflamme.** "S" light blue; "F" violet-purple. Flowers very large and handsome. A most desirable variety. Each, 50c; 3 for $1 00

8.8 **Pallida Dalmatica.** One of the most beautiful of all these Irises. Perfectly hardy, strong grower and very free-flowering. Exquisite shade of lavender-blue. Very effective if planted among evergreens or in front of Spiraea Van Houttei. Each, 35c.

8.1 **Parc de Neuilly.** Deep violet-blue. Very free blooming and effective. Each, 35c.

7.9 **Parisiana.** "S" white shaded and dotted lilac; "F" white, frilled with lilac at edge. Very distinct and pleasing. Each, 35c; 3 for 75c.

7.2 **Princess Victoria Louise.** "S" sulphur-yellow; "F" plum color, bordered cream. A very uncommon and pleasing shade. The flower stalks are strong and the habit bold. Each, 25c.

8.3 **Prosper Laugier.** Midseason. "S" fiery bronze; "F" velvety ruby-purple like a pansy bloom. Each, 35c; 3 for 75c.

8.4 **Quaker Lady.** "S" smoky lavender, shaded yellow; "F" ageratum blue and gold. A strong grower, odd and attractive. Each, 35c.

7.4 **Queen of May.** "S" lilac-pink; "F" lilac, blended with white; distinct. Each 25c.

8.4 **Rhein Nixe.** "S" white, very large; "F" rich violet-purple with distinct narrow white edge. A charming flower. Beautiful in massed effects. Each 35c.

7.6 **Sherwin Wright.** Early. "S" and "F" splendid golden yellow without shading or markings. Multiplies rapidly and is most satisfactory. Each, 25c.

7.6 **Stormcloud (Nuee d' Orage).** Very large flowers of grayish slate-blue, with bronze shading; "F" purplish blue. Very fine. Each, 25c.

7.4 **Tamerlane.** "S" pale violet; "F" deep purple. Magnificent, tall, bold, very unique. Each, 30c.

8.0 **Violacea Grandiflora.** "S" and "F" clear violet-blue. The best true blue. Each, 25c.

8.3 **White Knight.** A beautiful absolutely snow-white Iris without markings of any kind; delicately sweet-scented. It fulfills in every way its worthy name. Each, 50c.

VARIOUS IRISES

Sibirica Orientalis. (Yale blue.) A slender, graceful, tall-growing Iris, with deep blue flowers. Each, 25c.

Sibirica Geo. Wallace. (Azure blue.) Falls marked white. Each, 25c.

Sibirica Perry's Blue. A tall, beautiful variety, and extra fine for cutting. Large, well formed flowers of a wonderful shade of sky blue. Each, $1.50; 3 for $2.00.

Pumila Hybrida. Dwarf variety of German Iris, growing about 8 inches high, very free-blooming, sweet-scented. These bloom about two weeks before the German Iris.

—**Cyanea.** Rich royal purple with black shading. Each, 25c.

JAPANESE IRISES (Kaempferi)

The last of the Iris Species to bloom and the most beautiful. Their remarkable flowers are generally rather flat and wide, often measuring 10 to 12 inches across, and appear in great profusion in June and July, thus prolonging the Iris season.

These Irises should be planted in a sunny and moist location, but should not be allowed to stand in water. If well watered previous to and during the blooming period, blooms of great size and beauty will be secured.

Gold Bound. White with gold-banded center. Double. Early. Each, 50c; 3 for $1.25.

Helene. Blue ground, slightly veined darker blue. Double. Each, 50c; 3 for $1.25.

Hercule. Clear lilac-blue. Double. Each, 50c; 3 for $1.25.

Kamochi-guma. Dark purplish indigo. Mid-season. A beautiful double. Each, 50c; 3 for $1.25.

Melpemone. Soft blue, distinctly veined with dark blue. Double. Each, 50c; 3 for $1.25.

Purple and Gold. Rich violet-purple. Gold center. Double. Midseason. Each, 50c; 3 for $1.25.

Pyramid. Light blue, center of petals veined white. Each, 50c; 3 for $1.25.

Tokio. Fine single white. Very late. Each, 50c; 3 for $1.25.

Mixed. Each, 35c; 3 for 90c.

Vaughan's Vigor Strawberry Plants

Our plants are grown under ideal conditions in Michigan. Note illustration for root development of a single specimen. They have been developed from selected plants. We expect to make "Vaughan's Vigor" Strawberry Plant the standard for the country. We know you will be pleased. Varieties below are up to date.

Write for pamphlet on Strawberry Culture.

All varieties listed are perfect sorts and are self-pollinizing and will bear as well if set by themselves.

AROMA. (Per.) Late. One of the most popular late varieties. Fruit large to very large; holds its size well throughout all the pickings. Berry is roundish, conical, smooth and perfect in form and of a beautiful bright glossy red in color; very firm and of high quality. Its rich aromatic flavor has suggested its name.

DR. BURRELL. (Per.) Mid-season. The berries are large, delicious and beautifully formed. The surface of the berry is a deep glossy red. The meat is solid. If you are looking for a good dependable all-purpose variety you will make no mistake in planting Dr. Burrell. In manner of plant growth this variety closely resembles Senator Dunlap, but will produce more, bigger, and better berries and ripening as it does a few days earlier than Dunlap.

COOPER. (Per.) Mid-season. The large size and the beautiful brilliant color of the berries immediately attracts the attention of every one, but the greatest feature of all is that peculiar mild, delicious flavor not found in any other Strawberry. Due to the wonderful vigor of the plant this variety is adaptable to a wider range of soils and climate than any other variety. The foliage is immense. The big broad leaves often growing a foot high. Cooper is strongly staminate and can be grown alone and is an ideal mate of any of the pistillate or imperfect varieties due to the long blooming season.
Price, 25 for 75c; 100 plants for $2.00; postpaid to 4th zone. By express, 100 for $1.75; 500 for $7.50; 1000 for $14.00.

GIBSON. (Per.) Medium early. Berries are large and regular in shape holding their size well to the end of the season. Color rich red. Flavor is neither sweet nor sour, but just right for canning. Extremely productive, in fact we know of no variety that will produce more quarts of berries per acre than the Gibson. It makes a strong, vigorous plant that withstands adverse conditions admirably. This variety seems to embody every requirement necessary for a profitable berry. We recommend it and know you will not make any mistake in planting Gibson.

Price, except where noted, postpaid up to the 4th zone, 25 for 50c; 100 plants for $1.50. Postpaid from 4th zone to 8th zone, 25 for 60c; 100 for $1.75. By express, at buyer's expense, 100 for $1.35; 500 for $6.50; 1,000 for $12.00. Write for prices on larger lots.

PREMIER. (Per.) Early. Berries are large, beautifully formed, red through and through; flavor delicious. A splendid shipper. The deep heavy rooting system makes the plant a strong drought resister, and it is especially adapted to any soil or climate, giving you a big crop of fancy berries which will sell at highest prices. Where extra fancy early fruit is wanted we advise this.

SENATOR DUNLAP. (Per.) Mid-season. The fruit is dark red with glossy finish, shading to a deep scarlet on the underside. The meat is a bright red all through and exceedingly juicy. It succeeds everywhere and with everybody—the beginner as well as with the veteran grower—but it should not be allowed to mat too thickly. For a medium sized productive early to mid-season berry you need not hesitate to plant Dunlap.

SPECIAL OFFER No. 19. A Strawberry collection, 100 fine strong plants (Spring delivery only) in four good sorts, our selection, postpaid, for $1.50.

Three Leading Everbearing Varieties

CHAMPION. A strong, healthy, deep-rooted plant, very productive. Fruit similar to Dunlap in size, shape and color. A beautiful rich red color clear through, good quality and delicious flavor. In addition to the wonderful fall crop produced by the Champion they are the earliest to ripen in the spring.

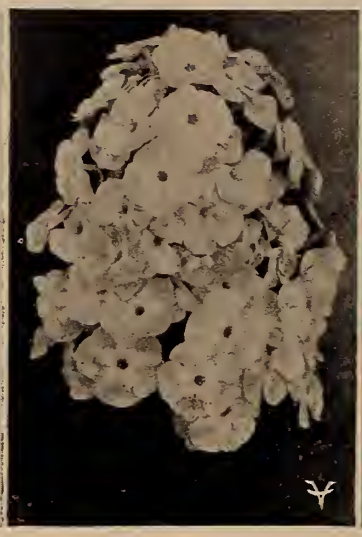
PROGRESSIVE. (Everbearing.) Has long been the leading everbearing variety. It now has to take second place as the new Champion is superior in every respect. The Progressive is a tall, healthy grower, deep-rooted and entirely free from fungus diseases. Very productive, berries medium size, good quality and delicious flavor.
Price of above two varieties, 25 for $1.00, 50 for $1.65, 100 for $2.75, postpaid to 4th zone; 250 for $5.00; 500 for $8.00; 1000 for $16.00 by express.

MASTODON. (New.) The world's greatest everbearer because nothing like it was ever achieved before, producing nearly 6000 quarts per acre during August, September, October and November. In size, quality, flavor and appearance Mastodon heads the list. Unlike other everbearers, the plants of Mastodon are large, vigorous, heavily crowned and deep rooted.
Price, 25 for $4.00, 50 for $7.35, 100 for $12.00, postpaid to 4th zone; 250 for $26.00, 500 for $40.00, 1000 for $80.00, by express.

POT-GROWN STRAWBERRIES FOR FALL PLANTING. Ready about August 1st. For price see our fall catalog.

MISS LASSBERG

EUROPA



ELIZABETH CAMPBELL

RHEINLANDER

Vaughan's Hardy Phlox

(Phlox Decussata)

THIS is one of the most useful flowers for summer decorations, the colors varying from pure white to deep crimson. They are not at all particular as to soil, and are exceedingly hardy. To obtain good results it is wise to manure the soil well and give them a fairly open situation, and an occasional soaking of water during very dry weather. Once planted, they require no further attention for several years, but it is advisable to renew them about every fifth year.

The flowering period is from the early part of July to the middle of September and they grow to heights varying from 1 to 3 and even 4 feet. If the first flower spikes are cut off as soon as over, and the plants are given a good soaking, a second crop of bloom extending until late in the fall may be expected.

Our collection contains the finest of the new introductions. The colors are very beautiful and striking, and the individual flowers are in many cases twice and thrice the size of older varieties.

All Phlox supplied in one-year-old field roots except where noted.

Bacchante. Tyrian rose with crimson-carmine eye.
3 for 85c; doz., $2.50; per 100, $15.00.

Baron Von Dedem. Brilliant orange-scarlet with immense trusses and individual flowers.
3 for $1.00; doz., $3.50; 100, $20.00.

Bridesmaid. Pure white with large crimson-carmine eye.
3 for 85c; doz., $2.50; 100, $15.00.

Deutchland. Large trusses of brilliant dark orange-red flowers.
3 for $1.50; doz., $5.00.

Eclaireur. Brilliant rosy magenta with large, lighter halo.
3 for 65c; doz., $2.00; 100, $12.00.

Elizabeth Campbell. Bright salmon pink with lighter shadings and dark red eye; one of the handsomest and most attractive.
3 for $1.25; doz., $4.00; 100, $25.00.

Europa. White, distinct carmine eye, large flower. A general favorite.
3 for $1.25; doz., $4.00; 100, $25.00.

Frau Anton Buchner. Pure white. Has a strong habit and produces flowers of an enormous size and perfect form.
3 for 65c; doz., $2.00; 100, $12.00.

Ferdinand Cortez. Deep rose-pink shaded salmon towards center.
3 for $1.00; doz., $3.50; 100, $20.00.

G. A. Strohlein. Orange-scarlet-red with bright carmine eye.
3 for $1.00; doz., $3.50; 100, $20.00.

Hindenburg. Crimson-red with darker eye; very choice.
3 for $1.50; doz., $5.00; 100, $35.00.

Jules Sandeau. Dwarf; very large flowering; pure pink. One of the finest.
3 for $1.50; doz., $5.00; 100, $35.00.

La Vague. Pure mauve with aniline red eye.
3 for 65c; doz., $2.00; 100, $12.00.

Miss Lassberg. The purest snow-white in cultivation. Extra fine. Large open truss, ideal as cut flower.
3 for 85c; doz., $2.50; 100, $15.00.

Miss Lingard (Suffruticosa). Pure white; the earliest of all. Blooms all summer; good for cut flowers.
3 for 85c; doz., $2.50; 100, $15.00.

Mrs. Jenkins. A very free flowering early variety of medium height producing immense panicles of pure white flowers.
3 for 65c; doz., $2.00; 100, $12.00.

Mrs. Milly Von Hoboken (new). Pure soft pink without eye, large flower on long erect stems. A very fine novelty.
3 for $1.50; doz., $5.00; 100, $35.00.

Prof. Virchow. Bright carmine overlaid with vivid orange-scarlet.
3 for $1.00; doz., $3.50; 100, $20.00.

Rheinlander. A new variety of great beauty, a rare shade of salmon-pink intensified by a distinct claret red eye. Flowers and truss of unusual size.
3 for $1.00; doz., $3.50; 100, $20.00.

Rhynstrom. Beautiful rosy pink color not unlike that of Paul Neyron rose. A good strong grower and very free flowering.
3 for $1.00; doz., $3.50; 100, $20.00.

Riverton Jewel. A lovely mauve-rose illuminated by a brilliant carmine-red eye.
3 for $1.00; doz., $3.50; 100, $20.00.

R. P. Struthers. Rosy carmine with claret eye.
3 for $1.00; doz., $3.50; 100, $20.00.

Siebold. An improved Coquelicot; vivid orange-scarlet; somewhat brighter and a stronger grower.
3 for 85c; doz., $2.50; 100, $15.00.

Sir Edwin Landsier. A good light red slightly tinged with rose.
3 for $1.00; doz., $3.50; 100, $20.00.

Thor. A splendid new variety of a lovely shade of deep salmon-pink suffused and overlaid with a scarlet glow.
3 for $1.25; doz., $4.00; 100, $25.00.

Von Hochberg. Brilliant amaranth-purple.
3 for $1.25; doz., $4.00; 100, $25.00.

Wanadis. Lilac with violet-red eye.
3 for 65c; doz., $2.00; 100, $12.00.

W. C. Egan. Delicate lilac-pink with solferino eye; fine.
3 for $1.00; doz., $3.50; 100, $20.00.

MIXED. 1 year field-grown plants of a choice mixture of colors. 3 for 65c; doz., $1.50; 100, $10.00. Named varieties. Our selection.
3 for 85c; doz., $2.50; 100, $15.00.

Special Offer: No. 92. One each of 10 varieties, our selection from above. All distinctly labeled for $3.00, prepaid.

Special Offer: No. 92A. One each of 6 varieties (six plants), our selection. Distinctly labeled for $1.75, postpaid.

Special Offer: No. 92B. Two plants each of 3 varieties (six plants), three distinct colors, our selection, for $1.50, postpaid.

Dwarf and Alpine Phlox

These are remarkable for their dense prostrate habit and mass of bloom in spring and early summer. They are splendid subjects for the fronts of borders and graves. They are quite distinct from the other Phloxes offered on this page.

—Divaricata Canadensis. One of our native species which is worthy of extensive planting, commencing to bloom early in April and continuing through May with large fragrant lavender flowers on stems 10 inches high.
3 for 85c; doz., $2.50; 100, $15.00.

Divaricata Schneekuppe. Same as above variety except color which is a pure white about 10 to 12 inches high, early flowering. 3 for 85c; doz., $2.50; 100, $15.00.

—Subulata Alba. A compact mass of elegant prostrate foliage, dainty white flowers in May and June, height 4 in.
3 for 85c; doz., $2.50; 100, $15.00.

—Subulata Rosea. Same as above, but with dainty pink flowers. This and Alba are fine for graves. 3 for 85c; doz., $2.50; 100, $15.00.

Vaughan's Peonies

PEONIES may be planted in the fall or spring, but fall planting has many advantages. Orders should be sent in at once so that we can forward when weather permits. Avoid planting too deeply, as this is often the cause of the shy blooming; 2 or 3 inches of soil over the crown (eyes) being sufficient.

Named Sorts.—Our selection, **White, Pink, or Red,** divided roots, each, 75c; 3 for $2.10; medium size root, **White or Pink,** each, $1.00.

If to be sent by mail, add 5c per root for the divisions and 12c for the medium size plants.

Un-named Sorts

Double White. Divided roots. Each, 50c.
Double Pink. Divided roots. Each, 50c.
Double Red. Divided roots. Each, 60c.

Peony Collection

One each of three named varieties, one pink, one red and one white, our selection, divided roots, for $2.00, postpaid.

The Place of Gladioli in Gardens

By winning 20 first and 8 second awards, Vaughan's Seed Store won The American Gladiolus Society's Achievement Medal at the Michigan Gladiolus show, Aug. 26-27, 1926.

EDITH MASON
In Mme. Butterfly

WITH the rapid development of new forms and colors, a new conception of the possibilities of the gladiolus in the garden is beginning to appear.

Having won pre-eminence among summer cut flowers it is now being recognized as an invaluable factor in the garden display. Whether you have an informal border, or formal beds, there will probably be some spot where a group of twelve or twenty-five stately glads, of exactly the proper height and color, will give just the right effect at a time when, but for this adaptable flower, interest would be missing.

You can plant gladioli anywhere, and at any time up to June 15 with certainty that in due time you will have flowers; and the time is easily calculated.

In color range the gladioli are now excelled only by the tulips; and such progress is being made that before many years even the tulips may be equaled. If there is a weakness now, it is in the purples; but this weakness is being overcome. Baron Hulot, so long the only good violet-purple, is now reinforced by Sovereign, a real improvement upon it; and by many of the pinkish and reddish purples and lavenders. And before many years we have reason to believe the list of violets will be augmented by an impressive array of tall-growing, large-flowered newcomers.

The amateur should not overlook the primulinus type; which is rich in luminous oranges, and delightful salmon-pinks. The grace and delicacy of primulinus blossoms make them splendid subjects for bouquets. They are beautiful in mass plantings and because they reproduce so plentifully, they are inexpensive to buy, and the stock of bulbs multiplies rapidly from year to year.

Try glads in the garden picture this year; groups of the tall, large-flowered type, balanced at conspicuous points in the beds or border; and a mass planting of the primulinus, perhaps. You will never be without them once you know their charm. Plant them after May 1 (in Chicago's latitude) and continue planting for succession until June 15.

Introductions of 1927

***Edith Mason (365).** On the back cover of this catalog we illustrate in color the new pink gladiolus, Edith Mason, one of our introductions of 1927. It is a beautiful, delicate, self-pink of the shade called by Ridgeway, geranium pink; inconspicuous throat markings of cream; 4 to 5 feet tall, blossoms in 90 days. Seventeen flowers on a typical spike, all face one way. The midrib of each petal is a light cream which blends with the throat. The petals have a tendency to roll back which gives the flower a very distinct and beautiful appearance. Each, $2.00; 10 bulbs for $15.00.

In christening this delicately beautiful variety of gladiolus Edith Mason, we believe we are offering a fitting tribute to the prima donna of the Chicago Civic Opera Company who is pictured above in the title role of Mme Butterfly.

Miss Mason is an American, born in St. Louis and a graduate of Bryn Mawr. Her musical education was acquired under Victor Maurel and Edmond Clement in Paris, and in Milan. She made her debut as Sophie in "Der Rosenkavalier" at the Metropolitan in New York. Her success was instantaneous. Since then in New York, Paris, Monte Carlo and Chicago she has won distinction as one of the world's greatest singers. In private life she is the wife of Giorgio Polacco, musical director of the Chicago Civic Opera, and the devoted mother of Graziella Polacco.

***Alma (414).** Phlox pink, 3 to 4 feet tall, blossoms in 90 days. Blossoms well placed on stems, face one way; seven to ten open at once. Twenty flowers on a typical spike. This color is popularly known as light lavender or orchid. Throat marking is darker, surrounded by a cream, which blends gradually into the general color. Each, $1.00; 10 bulbs for $7.50.

***Verdun (406).** The strong color called by Ridgeway, pansy purple; on the edge of the petals is softened toward the center with a chalky overtone; producing a beautiful blend, the effect of which is heightened by the white throat and white blotch on the lower petals. Three to 4 feet tall, matures in 80 days, flowers well placed, face one way, 14 on a typical stem, four open at once. Each, $1.00; 10 bulbs for $7.50.

***Sandusky (838).** (Primulinus.) The color is laid on a flesh base not solidly but with a misty effect, producing a blend difficult to describe. The overtone color is classified by Ridgeway as Bordeaux. The flesh undertone dominates in the throat; there are scarlet markings on three lower petals. Tall and vigorous grower, blossoms face well, twelve on a spike, 5 open at once. Matures in 70 days. Each $1.00; 10 bulbs for $7.50.

Other Vaughan Introductions

***Dorothy Vaughan (242).** This is a very tall, medium early, color is a very faint apple-blossom pink. One of the finest seedlings shown at the Kalamazoo show in 1922. It's a winner. Each, $1.00; doz., $10.00.

***Elsie McCormick (467).** A beautiful rose-pink. Very strong, healthy grower, medium in height and holds a large number of blooms open at one time. Each, $1.00; doz., $10.00.

***Improved Martha Washington (132).** This is an improvement of our Martha Washington variety. It is a taller, stronger grower but of the same shade and markings. Each, $1.50; doz., $15.00.

***White Pendleton (500).** This is a white sport of the well-known variety, Mrs. F. Pendleton. It is a pure white with a dark blotch in the throat which makes it very attractive. Each, 35c; doz., $3.50.

***Improved Schwaben (395).** This is a Schwaben seedling, deeper yellow with very little markings in the throat. It has the habit of growth of the Schwaben. Each, 25c; doz., $2.50.

***Ridinghood (337).** A real bright Red Primulinus Hybrid. Slender stems and a typical primulinus type. Very showy. Each, 25c; doz., $2.50.

***Liliola.** A very distinct novelty and a decided break in Gladiolus. The habit is that of the Gladiolus, but the large star-shaped flowers studded around the flower stalks are very unique and resemble the Lily. Each, $1.00; doz., $10.00.

***Manistee (303).** Season from 90 to 95 days. This is a large ruffled pink. A very strong, vigorous grower with heavy foliage and strong, straight spikes. Flowers well placed and beautifully ruffled. Each, 75c; doz., $7.50.

***Sovereign (2099).** Blossom a violet-purple with a very light mark in the center of the lower petal. The flower is large, the petals full and rounding and well opened up; the stalk is tall, strong and vigorous with heavy green foliage and the flowers well placed. Season medium to late. Each, 50c; doz., $5.00.

***The Vamp (149).** Season 70 days. Flowers well placed on a tall, straight stem, 6 to 7 flowers open at one time. A delicate pink. On the three lower petals is a large blotch of velvety crimson surrounded with a creamy white halo producing a very beautiful effect. Each, 20c; doz., $2.00; per 100, $15.00.

***Clara Adams (234).** Season 80 days. Light pink with a slight crimson marking in the throat. The flowers are very large, well open with 6 to 8 open at one time. Each, 20c; doz., $2.00; per 100, $15.00.

***L. W. Wheeler (394).** Season 82 days. This variety is a very distinct shade of pink suffused with yellow, blending to a strong yellow toward the center blotch of crimson. The flower is medium size and rounding form well placed on the spike, which usually carries from 10 to 14 open at a time. Each, 40c; doz., $3.50.

***Martha Phillips (142).** This originated from seed produced in 1913. Exact parentage unknown. Season 90 days. This is a dark solid red, florets medium size, many open at a time and well placed on the stem, producing a mass of solid dark red color. Each, 25c; doz., $2.50.

***Mrs. L. S. Hubbard (344).** Season 68 days. Prim. Hybrid seedling of very distinct and exceptional color. It is early, prolific. Massed together in a bouquet the general appearance is a beautiful plum color. Each, 15c; doz., $1.50; per 100, $10.00.

***Mrs. Julius Rosenwald (11).** Season 81 days. Color, wine-red, lightly flaked with a deeper red. Flowers very large and well placed on a tall, slender stalk. Each, 75c; doz., $7.50.

***Mary H. Dick (490).** Season 75 days. A very delicate Pink Prim. Hybrid. Slender, tall, straight spike with florets well placed. This variety is exceptionally fine for basket work. Each, 35c; doz., $3.50.

***Kalamazoo** Purple-violet with lines of creamy white running through each petal to the edge of the flower, and throat of creamy white. Flowers large, compact and well placed on a very strong spike. Season 80 days. Price, each, 25c; doz., $2.50.

***Ionia (323).** Season 80 days. This is a tall grower and carries a long spike of well placed beautiful flowers of an exceptional shade. The general color is a yellow, suffused with pink, which gives it an exceptionally delicate shade. Each, 20c; doz., $2.00; per 100, $15.00.

***Vaughan's White.** This splendid white, the best we have seen, is earlier and larger than Europa and as prolific as America. The bulblets germinate well. It is a thrifty and vigorous grower with a medium stalk and many well-placed flowers open at once. Flower is a good, clear white with no throat markings. Price, prepaid, each, 50c; per doz., $5.00.

Vaughan's Glorious Gladioli

MARY H. DICK

VAUGHAN'S WHITE

MRS. L. S. HUBBARD

RED SHADES

AMARYLLIS. Blood-red flower, giant size. Each, 50c; doz., $5.00.

ATTRACTION. Deep crimson, with large white center. Each, 10c; doz., 90c; 100, $6.00.

BLACK PANSY. Rich, dark red Pansy-like throat. Each, 10c; doz., 90c; 100, $6.00.

CARUSO. Orange-red. Earliest of all red gladioli. Large flowers, fine spike, strong stem. Each, $1.00; per doz., $10.00.

***CHICAGO SALMON.** Clear Salmon with carmine. Each, 15c; doz., $1.25; 100, $8.00.

***CHAS. L. HUTCHINSON.** The color of the flowers is a rich blood-red, the middle rib of each petal being a shade deeper with a velvety lustre. Free-flowering. Each, 60c; doz., $6.50.

***CHICAGO RED.** Brilliant scarlet, large, opens well. Each, 15c; doz., $1.25; 100, $8.00.

CRESCENT QUEEN. Very large, dark wine-red. Each, 15c; doz., $1.60; 100, $12.00.

CRIMSON GLOW. A perfect, very large deep scarlet-crimson; flowers on a tall, strong spike. Each, 10c; doz., $1.00; 100, $7.00.

DIANA. Clear, rich, mellow, blood-red grand spike of well placed flowers. Considered by many the best red to date. It has every good quality that goes to make a good gladiolus. Each, 50c; doz., $5.00.

DR. F. E. BENNETT. Peach-red, overlaid with flame-scarlet, throat stippled with ruby and white. A very large, attractive red with plenty of vigor. The flowers have good substance and good arrangement. This is one of those reds that stand out in a class by themselves. It is sure to be the one you will see if you go into the garden when it is in bloom. Each, $1.00; doz., $10.00.

DR. R. T. JACKSON. Very deep, rich crimson-maroon. An unusual color and a variety that will be largely grown when better known. Each, 15c; doz., $1.50; per 100, $10.00.

EARLY SUNRISE. This is a very vigorous grower. Spikes grow from three to four feet high. Flowers extra large, bright salmon-scarlet color with pencil stripe of cream through center of each petal of the flower. It is extremely early, being in the same blooming period as Halley, but much larger flowers and spikes. Each, 15c; doz., $1.50; 100, $10.00.

EMPRESS OF INDIA. Rich dark maroon. Each, 15c; doz., $1.50; 100, $10.00.

GOV. HANLY. Rich cardinal-red. Each, 15c; doz., $1.50; 100, $10.00.

HALLEY. Delicate salmon-pink, with a slight roseate tinge, the lower petals bear a creamy blotch with a stripe of bright red through the center. Each, 10c; doz., 75c; 100, $5.00.

HEINRICH KANZLEITER. A brilliant dark velvety blood-red, large flower, the best earliest flowering dark-red gladiolus (as early as "Halley"). An extra good variety. Each, 50c; doz., $5.00.

RED SHADES—Continued

HERBSTZAUBER. (Autumn fascination), the most wonderful copper-salmon color. Large flowers, fine spike, late flowering. Each, $1.00; doz., $10.00.

HILO. Fiery orange-vermilion, flaked deeper. Snowy white throat. Fine. Each, 30c; doz., $3.50.

ILLUMINATOR is a brilliant carmine-red, with a faint suffusion of blue adding to its richness. Practically self, such marking as is perceptible appearing as an intense French-purple blotch. Strong, tall, straight, healthy. Long flower spike, with many buds perfectly placed. Flowers large to very large, and many open. Each, 35c; doz., $3.00.

JACK LONDON. Light salmon with vermilion stripes. Canary-yellow throat with ruby stripes. Each, 25c; doz., $2.50; 100, $18.00.

JOE COLEMAN. Large, rich red. Each, 15c; doz., $1.25; 100, $8.00.

LUSTRE. Dark orange-vermilion. Each, 15c; doz., $1.50; 100, $ 10.00.

MEPHISTO. Coppery scarlet. Each, 35c; doz., $3.50.

MERCEDES. Carmine-rose and pale rosy white; with a very effective red blotch on lower petals. Each, 15c; doz., $1.60; 100, $12.00.

***MRS. FRANCIS KING.** Brilliant vermilion-scarlet. Most popular and effective variety for all occasions. Large size. Each, 10c; doz., 90c; 100, $6.00. Medium size, doz., 60c; 100, $4.00.

MRS. WILLARD RICHARDSON. Deep crimson, maroon center; large, flaring flowers; flowers 5 inches in diameter, spikes 4 to 5 feet high. An unexcelled red which does not fade. Each, 50c; doz., $5.00.

MRS. W. E. FRYER. New, bright scarlet. Each, 15c; doz., $1.50; 100, $10.00.

MRS. WATT. Glowing American Beauty shade of red. Each, 15c; doz., $1.25; 100, $8.00.

ORADELL A massive salmon, deeper throat. Half ruffled. Distinct. Each, 35c; doz., $3.50.

ORPHEUS. Fine blood-red. Many blooms open at the same time. Each, 75c; doz., $7.50

***PRINCEPS.** Brilliant scarlet-crimson, carrying mostly three white blotches on lower petals. Each, 15c; doz., $1.60; 100, $12.00.

PRINCEPINE. Beautiful red with large white blotch. Each, 10c; doz., 90c; 100, $6.00.

***PONTIAC—PRINCEPS.** Giant Seedling of Princeps. Considerably lighter red. Very large flower with Princeps throat markings. Petals slightly striped with deep vermilion, stalk as strong as Schwaben and a taller grower than King. Price, prepaid each, 15c; doz., $1.50; 100, $10.00

RED EMPEROR. Bright nopal red, self-color except that lower petals are speckled white in throat. Enormous flowers on strong spikes. One of the best scarlet-reds. Each, 25c; doz., $2.50, 100, $18.00

RED SHADES—Continued

RED STAR. For color description we are closest to reality when we state: "Dazzling blood-red." A quantity of blooms dazzles the eye. Each, 35c; doz., $3.50.

SCARLET WONDER. This is without doubt the most beautiful scarlet variety yet introduced. Plant four to five feet high, with broad, stalky, dark green foliage, and compact truss of great rich velvety scarlet fiery crimson flowers. Each, 30c; doz., $3.00.

SCARLANO. Light, bright orange-red. Fine spike and flower, finely ruffled. Each, 15c; doz., $1.50, 100, $10.00.

SCARLET PRINCEPS. Six or more massive Princeps-like blossoms open at one time, throat a little deeper. Very fine variety. Each, 15c; doz., $1.50, 100, $10.00.

SCARLET GLORY. Ruffled, fine red. Each, 20c; doz., $2.00; 100, $15.00.

SHIELA. Light coral-red, fading to flesh-pink in throat, with primrose blotch on lower petals, penciled with pomegranate-purple. Form good, with plenty of vigor. An exceptionally good early variety. Each, 25c; doz., $2.50; per 100, $18.00

SIR ROGER CASEMENT. Ox-blood red, heavily ruffled. Dark maroon stripe through the center of the lip. Of extremely velvety texture. Each, 35c; doz., $3.50.

WAR. Deep blood-red, shaded crimson-black. A leader among the large reds. Each, 15c; doz., $1.50, 100, $10.00.

YELLOW SHADES

FLORA. Beautiful canary-yellow, with scarcely any markings. Considered the best yellow. Each, 15c; doz., $1.50; 100, $10.00.

GOLD. Pure golden yellow, throat a shade deeper, slightly dotted and streaked, almost self-color. Large flowers, many open at one time and perfectly placed. A grand variety. Each, 15c; doz., $1.60; 100, $12.00.

GOLDEN MEASURE. Very large, dark golden yellow; the best in the yellows. Each, 15c; doz., $1.60; 100, $12.00.

MISS T. ROSE. Creamy yellowish pink; in color very much like a tea rose. Graceful spike; an exquisite variety. Each, 40c; doz., $4.00.

NIAGARA. A delightful cream shade, blending to canary-yellow, splashed with carmine. Each, 10c; doz., $1.00; 100, $7.00.

ORANGE GLORY. Bright orange, with slight purple and white markings in throat. Each, 15c; doz., $1.60; 100, $12.00.

SCHWABEN. Clear canary-yellow, shading to soft sulphur. Largest flower stalk and leaves of all. Planted 7 or 8 inches apart in rich soil produces wonderful blooms. Doz., 60c; 100, $4.00.

YELLOW HAMMER. Yellow, red mark in throat. Each, 15c; doz., $1.25; 100, $8.00.

***This mark indicates the variety was first introduced by Vaughan's Seed Store, Chicago and New York**

The price for single bulbs and by the doz. as above, include free parcel post delivery through 5th zone. For prepayment to further zones, add 5c doz.

Vaughan's Glorious Gladioli

E. J. SHAYLOR

KALAMAZOO

ROSEMARY

PINK SHADES

AMERICA. Soft lavender-pink. Large bulbs. Doz, 60c; 100, $4.00 Medium bulbs. All good bloomers. Doz., 50c, 100, $3.00.

ARIZONA. Light pink, dark throat. Each, 10c; doz., 90c, 100, $6.00.

BYRON L. SMITH. Beautiful lavender-pink on white ground, an orchid shade. Each, 15c, doz., $1.50; 100, $10.00.

DAWN. Salmon shading to claret stain in throat. Each, 20c; doz., $2.00, 100, $15.00.

***DETROIT.** A giant flower with orchid colorings. Fully developed flowers measure 5 inches across. The color is a light pink with deeper pencilings of light crimson on the inside and outside of the upper petals, and with carmine splashes overlying sulphur on the center third of the lower petals. The flower spike is long with 13 flowers to the spike. Each, 30c; doz., $3.00; 100, $20.00.

DR. HAN PFITZNER. Wonderful soft pink. Each, 35c; doz., $3.50.

DEUTCHLAND. This is a seedling of America, but far surpasses this type. Color is a wonderful pink, with fiery crimson blotch. The spikes are very large, borne on tall, slim but wiry stalks, presenting a much more elegant appearance than America. It is of strong, healthy growth and a wonderful propagator. Each, 15c; doz., $1.50; 100, $10.00.

EVELYN KIRTLAND. A beautiful shade of rosy pink, darker at the edges, fading to shell-pink at the center, with brilliant scarlet blotches on lower petals; the entire flower showing a glistening, sparkling lustre. Very tall spike. Each, 10c; doz., $1.00; 100, $7.00.

ELIZABETH TABOR. Petals are delicate rosy pink on white ground, lower ones bearing a rich dark crimson blotch which terminates in a diamond of soft yellow. Grows tall, but rarely has a crooked stalk. Flower spike very long, with a number of flowers open at once, gracefully placed. Extremely early. Each, 25c; doz., $2.50.

E. J. SHAYLOR. Tall, beautiful, pure deep rose-pink. Each, 15c; doz., $1.25; 100, $8.00.

GLORY OF KENNEMERLAND. Comparatively new and uncommon. Growing rapidly in favor as it becomes known. It is a very rich, deep rose, with golden yellow blotch and throat. Flower very large, of wide-opened bell-shape, with rounded petals. Each, 10c; doz., 90c; 100, $6.00.

GRETCHEN ZANG. Pink, blending into scarlet on lower petals. Each, 10c; doz., 75c; 100, $5.00.

GIANT NYMPH. La France-pink; with creamy yellow throat, very large, wide-open flowers, long spikes and flowers well arranged on the stem. This is without question one of the very best recent introductions. If it is not in your collection, buy it. Each, 20c; doz., $2.00, 100, $15.00.

KILIMA. Tall, slender plant. Beautiful creamy salmon-blush. Very elegant. Each, 50c; doz., $5.00.

PINK SHADES—Continued

LE MARECHAL FOCH. Rose-pink, resembling America in color but deeper. Blooms same time as the Halley. Doz, 60c, 100, $4.00.

LOS ANGELES. Shrimp pink with orange-carmine throat. The color tone is one of unusual delicacy and so pleasing as to be greatly admired. It is a favorite cut flower among the Hollywood motion picture stars. A wonderful florist's flower of individuality and distinction. Each, 50c; doz., $5.00.

MRS. WM. E. CLARK. A fine salmon-pink with bright crimson blotch; has a perfect long spike. Good propagator. Received a Certificate of Merit from the American Gladiolus Society. Each, 25c; doz., $2.50; per 100, $18.00.

MAGENTA. A beautiful, large flower near "American Beauty" rose color. Each, 25c; doz., $2.50; 100, $18.00.

***MARY ALICE.** (2022.) Color, rose-pink, the throat marking of a lavender-mauve, a light streak running through the center of each petal, anthers lavender, flowers large, well open with petals slightly reflex. The stalk is very tall, strong and straight. Flowers well placed and 6 to 8 open at one time. Each, 15c; doz., $1.60; 100, $12.00.

MONA LISA. Ruffled, palest soft rose-pink. Each, 15c; doz., $1.60, 100, $12.00.

MRS. FRANK PENDLETON. Flushed salmon-pink, with rich maroon blotch on the three lower petals. The most popular flower in florists' shops. Each, 10c; doz., $1.00; 100, $7.00.

MYRTLE. Tender and delicate rose-pink. "The most beautiful pink yet produced in Gladiolus." Each, 10c; doz., $1.00; 100, $7.00.

MRS. H. E. BOTHIN. Light geranium pink, heavily ruffled. Flamed scarlet center. Strong, well built spikes; first-class show and cut-flower variety. One of the loveliest combinations in Gladioli. It has created a sensation wherever produced. Each, 20c; doz., $2.00; per 100, $15.00.

MYSTIC. Very early, pink. Each, 15c; doz., $1.50; 100, $10.00.

ODIN. Salmon with dark blotch, large flowers. Very fine variety. You will like it in your collection. Each, 15c; doz., $1.25; 100, $8.00.

PANAMA. An improved America, largest and most notable spike of bloom among all pink sorts. Each, 10c; doz., 90c; 100, $6.00.

PEACH ROSE. An extra choice and distinct deep rose-pink of remarkable color and appearance. Was awarded First-class Certificate of Merit by Mass. Hort. Society, Summer 1919. Each, 25c; doz., $2.50; per 100, $18.00.

PINK LILY. Ruffled, delicate pink. Each, 20c; doz., $2.00; 100, $15.00.

PINK PERFECTION. Delicate appleblossom pink. Each, 15c; doz., $1.60; 100, $12.00.

PINK SHADES—Continued

PRINCE OF WALES. The flowers are large and well placed and the color is a most charming coral-pink. It is a sport of Halley, but larger and of taller growth and also somewhat earlier. The delicate tint is practically without throat markings. Each, 10c; doz., $1.00; 100, $7.00.

ROSE GLORY. Ruffled, rose-pink. Each, 10c; doz., $1.60; 100, $12.00.

ROSEMARY. Wonderful new gladiolus. White, thickly marked with fine parallel hair-lines and stipplings of lavender-rose, which become pure pink under artificial light. No colored picture could possibly do it justice. You should have this one in your collection. Each, $1.50; doz., $15.00.

RUFFLED GLORY. Salmon-pink, with crimson stripe in the center of each lower petal. The broadly expanded, wide-open flowers are carried on straight, stout 3½-foot stalks. Each petal is exquisitely ruffled. Each, 15c; doz., $1.50; 100, $10.00.

1910 ROSE. Very large flower, pure rose-pink of extra fine shade. Narrow white central line on lower petals. Each, 10c; doz., $1.00; 100, $7.00.

***SHIAWASSEE (177).** This seedling showed up so well in our trial grounds and being very prolific we marked same worth naming. Color, very fine pink, prolific and strong grower. Holds open many well placed flowers at one time. Each, 20c; doz., $2.00; 100, $15.00.

TRUDEL GROTZ. Salmon-pink color, very large blooms. Each, 75c; doz., $7.50.

UNIQUE. Tall, large, finest salmon-pink. Each, 20c; doz., $2.00; 100, $15.00.

WILBRINK. Sport of Halley. It retains the earliness of that variety, but has a delicate pale pink color, somewhat similar to "America." Each, 10c; doz., 75c; 100, $5.00.

W. H. PHIPPS. La France-pink overlaid with light rose-salmon, lighter toward the center. Lower petals very faintly striped and speckled with ruby. Flowers enormous. A masterpiece in Gladioli. Each, $1.50; doz., $15.00.

WHITE VARIETIES

BERTRAX. Pure white flowers of good substance. Each, 10c; doz., 90c; 100, $6.00.

***CHICAGO WHITE.** White, lavender markings in throat. Doz, 60c; 100, $4.00.

CARMEN SYLVA. One of the best of the white varieties. A pure white except for slight violet markings deep in the throat. Tall, slender stem always straight, flowers well arranged on the spike. Many open. Each, 15c; doz., $1.50, per 100, $10.00.

ELORA. White, slightly flushed pink, throat sulphur-yellow with a carmine blotch. A Burbank production of much promise; very early. Each, 20c; doz., $2.00; per 100, $15.00.

EUROPA. A large, pure white, much substance; will crowd out all other whites. Each, 25c; doz., $2.50; 100, $18.00.

*This mark indicates the variety was first introduced by Vaughan's Seed Store, Chicago and New York

The price for single bulbs and by the doz. as above, include free parcel post delivery through 5th zone. For prepayment to further zones, add 5c doz

Vaughan's Glorious Gladioli

DETROIT

EVELYN KIRTLAND

IONIA

SUNBEAM

WHITE VARIETIES—Continued

FERN KYLE. A large ruffled flower of creamy white color. Vigorous grower. Creates a sensation wherever shown. Introduced at $25.00 per bulb Each, $1.50; per doz , $15.00.

HENRY C. GOEHL. Flowers large and well opened, with broad segments of solid white slightly flushed pink. A deep crimson blotch on the lower segments. Spike is good with well-placed flowers, and five to seven open at one time. Each, 35c; doz., $3.50.

IVORY. A Dutch sort of ivory white color. Each, 35c; doz., $3.50.

JANE DIEULAFOY. Creamy white, lower petals, stained maroon. Each, 15c; doz., $1.50; 100, $10.00.

LA BEAUTE. A very good white. Ea., 35c; dz., $3.50.

L'IMMACULEE. Pure white. Each, 10c; doz., $1.00; 100, $7.00.

LENE GRAETZ. A white Gladiolus of first rank, stalks tall, slim and wiry, flowers large, wide open and well placed. This is a very productive variety; also a very strong grower and has magnificent dark foliage. Each 20c; doz., $2.00; 100, $15.00.

LOHENGRIN. Pure white, flowers well placed, medium season, excellent producer and hardy. Each, 25c; doz., $2.50; per 100, $18.00.

LORELY. Is a large pure creamy white, wide open flowers, rounding petals and flowers well placed on the stem. Each, 35c; doz., $3.50.

LOVELINESS. Cream pink. Many flowers open at the same time, very large, broad and showy spike. Each, 15c; doz., $1.50; 100, $10.00.

MARY PICKFORD. Creamy white throat, soft sulphur-yellow. Each, 15c; doz., $1.50; 100, $10.00

MEADOWVALE. Early white. Each, 20c; doz., $2.00; 100, $15.00.

MISS HELEN FRANKLIN. Ruffled type, a good white with violet markings on the lower petals, vigorous tall spike with from six to ten flowers open at one time. Each, 10c; doz., 90c; 100, $6.00.

***MRS. W. S. BREWSTER.** White overlaid blush; blotched brilliant red, with a creamy halo. Each, 30c; doz., $2.75; 100, $20.00.

MRS. DR. NORTON. Pure, soft white, with tips of petals suffused La France Pink. Wonderful variety. Each, 10c; doz., $1.00; 100, $7.00.

PEACE. Very large, nearly white, with pale violet feathering on lower petals; flowers correctly placed on a tall, graceful spike. Each, 10c; doz., 75c; 100, $5.00.

PUREST OF ALL. A pure white variety with an excellent spike and large flowers. Each, $1.00; doz., $10.00.

WHITE GLORY. Ruffled, pure white, blue throat. Each, 35c; doz., $3.50;

WILLY WIGMAN. Creamy white, scarlet blotch. Each, 10c; doz., $1.00; 100, $7.00.

WHITE EMBLEM. Pure white with long narrow petals. Each, 20c; doz., $2.00; per 100, $15.00.

WHITE PERFECTION—Absolutely pure white. Its flower has the form and size of "Pink Perfection," but its stems are straight. Elegant appearance. Eaeh, 25c; doz., $2.50; per 100, $18.00.

BLUE SHADES

ANNA EBERIUS. Dark velvety purple, throat deeper. Each, 15c; doz., $1.25; 100, $8.00.

***ANNIE MAY (44).** Season 100 days. A beautiful lilac shade with pure white throat, enormous spike sometimes growing 5 feet tall. A beautiful giant lavender-carmine. Each, 50c; doz., $5.00.

BARON J. HULOT. The leading purple variety. Each, 15c; doz., $1.25; 100, $8.00.

CAPTAIN BOYNTON. One of the nicest lavender colors in existence, with little darker spot on lower petals. Large flowers well placed on stems. Each, 60c; doz., $6.50.

DESDEMONE. Ashy rose striped lilac; large dark red blotch, edged ivory-white. Immense spike of very large double-row flowers, well placed Each, 35c; doz., $3.50; 100, $25.00.

FLORENCE. Bright lilac, white blotch on lower petals. Notably tall spike with many flowers; the best lilac. Each, 15c; doz., $1.60; 100, $12.00.

HERADA. Blooms of immense size on tall, straight spikes. The large blooms are pure mauve, glistening and clear, with deeper markings in throat. Each, 10c; doz., $1.00; 100, $7.00.

IRIS. Flowers of a very curious slaty blue color, slightly flamed with red; small white blotch, spotted with carmine-red. Each, $1.50; doz., $15.00.

LOUISE. Beautiful lavender. Each, 15c; doz., $1.25; 100, $8.00.

MARY FENNELL. Deep lilac, shading paler. Soft primrose-yellow throat. Each, 10c; doz., $1.00; 100, $7.00.

MRS. FREDERICK C. PETERS. Beautiful shade of rose-lilac, with crimson blotch bordered white on lower segment; resembling an orchid in color. Flowers of large size and many open at one time on a strong stem. Healthy plant with good green foliage. Each, 30c; doz., $2.75; 100, $20.00.

MR. MARK. Lobelia-violet suffused Saccardo's violet; throat barium-yellow with a blotch of amaranth-purple. This is one of the best of those commonly known as light blue varieties Very popular as a cut-flower variety. Each, 15c; doz., $1.50; 100, $10.00.

***MRS. H. A. CAESAR.** The length of spike is about the same, but it produces more buds, frequently showing five to eight open flowers, well placed on the spike. The color is a beautiful lavender shading to lilac with a yellow dash in the lower petals. Price, prepaid each, 20c; doz., $2.00; 100, $15.00.

OTHELLO. Bright violet-purple. Each, $1.00; per doz., $10.00.

PAUL PFITZER. Dark, Iris-violet. Each, $1.00; per doz., $10.00.

PURPLE GLORY. Ruffled, velvety maroon-red, black blotches. Each, 30c; doz., $2.75; per 100, $20.00.

BLUE SHADES—Continued

PURPLE SPOT. Violet-red. Each, 20c; doz., $2.00; 100, $15.00.

ROSE ASH. (Ashes of roses.) A new color in gladioli. A wonderfully vigorous grower. Each, 15c; doz., $1.60; 100, $12.00.

ROSS VALLEY. Mouse color, very odd shade. Each, 20c; doz., $2.00; 100, $15.00.

SPHINX. Lilac-red flowers, purple-red blotch. Each, 20c; doz., $2.00; 100, $15.00.

VIOLET GLORY. Massive flower. Rich self-color, deep violet; deeper throat. Medium ruffled. Each, 25c; doz., $2.50; per 100, $18.00.

PRIMULINUS TYPE

ALICE TIPLADY. Orange-saffron. Each, 10c; doz., $1.00; 100, $7.00.

MAIDEN BLUSH. An exquisite pink with lighter throat. Very dainty flower on graceful spike. Each, 10c; doz., $1.00; 100, $7.00.

***MARY VIRGINIA.** The bulbs increase rapidly and grow very large, throwing flower spikes 3 and 4 feet in length. The color of the flower is a delicate cream yellow. The upper petals suffused with peach-blossom pink. The shading is exquisite. Price, each 25c; doz., $2.50; per 100, $18.00.

ORANGE QUEEN. Apricot-orange. This quite new shade without any competition and the excellent substance of this variety bought every one who has seen it. Each 25c; doz., $2.50; per 100, $18.00.

SALMON BEAUTY. Very large flowered Primulinus. Deep salmon, rich salmon-yellow throat. Each, 15c; doz., $1.50; per 100, $10.00.

***SUNBEAM.** The graceful form of the Primulinus type insures its popularity in the Decorative Class. Color, clear yellow, long slender spike. Each, 15c; doz., $1.25; per 100, $8.00.

SOUVENIR. One of the best yellow Prims. Large flowers of purest color. Each, 15c; doz., $1.50; 100, $10.00.

HYBRIDS (mixed). The range of colors is from the purest and lightest of yellows to deepest orange and from the softest shade of salmon-pink to rich crimson. On account of their slender and graceful habit, delicate colors and shape of the flowers they are ideal for vases. Doz., 60c; 100, $4.00.

GLADIOLI IN MANY COLORS

These bulbs here quoted in color shades are 1¼ to 1½ inches in diameter. All flowering.

Blue Shades. Doz., $1.00; 100, $7.00.
Pink. Doz., 60c; 100, $4.00.
Scarlet and red. Doz., 60c; 100, $4.00.
Striped shades. Doz., 75c; 100, $5.00.
White and light. Doz., 60c; 100, $4.00.
Yellow shades. Doz., 75c; 100, $5.00.

***This mark indicates the variety was first introduced by Vaughan's Seed Store, Chicago and New York**

The price for single bulbs and by the doz. as above, include free parcel post delivery through 5th zone. For prepayment to further zones, add 5c doz.

Miscellaneous Spring Bulbs

Amaryllis, Giant Flowered

Vaughan's New Hybrids—(See illustration). This selection of giant bloomers in wonderfully varied and brilliant colorings has been made from thousands of seedlings produced from hand hybridized flowers by an expert grower. We have secured the entire supply of large bulbs. For three years past the dark colors, the medium striped and the super-light striped have been separated. We shall soon offer separately, meanwhile these here offered will be found to contain nearly all markings from deep red to near white.

Price, Florida Grown, each, 50c; doz., $5.50.
Price, California Grown, each, 75c; doz., $7.50.

Belladonna Major—Fine variety for fall blooming, very free-flowering and fragrant. Flowers a lovely shell-pink color, stems 2 to 2½ feet high.
Price, each, 35c; doz., $3.50; 25 for $6.75, prepaid.

Equestre—Orange-scarlet.
Price, each. 30c; doz., $2.75; 25 for $5.00, prepaid.

Apios Tuberosa

Splendid hardy climber. Will grow to a height of 8 to 10 feet, vine and foliage resembling a Wistaria; deep purple color; fragrant.
Price, each, 15c; doz., $1.50; 25 for $2.50, prepaid.

Begonias

Tuberous Rooted—Unexcelled for summer bedding, such as lawn beds and borders. When fully exposed to the sun the beds must be kept moist.

Single Sorts—White, red, orange, salmon, rose, bronze.
Price, 4 for $1.40; doz., $3.50; 25 for $6.00, prepaid.

Double Sorts—Same color as single varieties.
Price, 4 for $1.50; doz., $4.00; 25 for $7.50, prepaid.

Caladium Esculentum

(Colocasia Antiquorum Esculenta.)

Elephant's Ear—One of the most effective foliage plants for beds and borders. Can be used with good effect as a border for tall-growing Cannas when edged with Coleus or other low-growing foliage plants.

First Size—5 to 7-inch circumference. Mailing weight, 4 lbs. per doz.
Price, 3 for 25c, prepaid; doz., 80c; 25 for $1.50, not prepaid.

Select Size—7 to 9-inch circumference. Mailing weight, 6 lbs. per doz.
Price, 3 for 35c, prepaid; doz., $1.25; 25 for $2.25, not prepaid.

Extra Large—9 to 11-inch circumference. Mailing weight, 10 lbs. per doz.
Price, 3 for 60c, prepaid; doz., $2.00; 25 for $3.75, not prepaid.

Mammoth Size—12-inch and up circumference. Mailing weight, 17 lbs. per doz.
Price, each, 50c; 3 for $1.25, prepaid; doz., $4.00; 25 for $7.75, not prepaid.

Golden Yellow Calla Lily

Zantedeschia Oculata. Yellow Calla Lily (Calla Elliotiana)—Though known during war period, bulbs have been so scarce and dear, the plant has not become generally known. We are now having many grown for us and can supply at very reasonable prices. At following prices all prepaid:

Bulbs, 1½-inch, 20c; 3 for 55c; doz., $2.00.
Bulbs, 2-inch and up, each, 25c; 3 for 70c; doz., $2.50.

Cinnamon Vine

(Dioscorea Batatas)

Well-known hardy climber; quick grower, with beautiful glossy heart-shaped leaves and sweet-scented flowers. Vines will run 25 to 40 feet in a season.

Price, Small Roots, 2 for 15c; doz., 80c, prepaid.
Large Roots, each, 15c; 3 for 35c; doz., $1.25; 25 for $2.00, prepaid.

Hyacinthus Candicans

(Galtonias)

Summer Hyacinth—Perfectly hardy and of vigorous growth. Flowers are pure white and pendulous, 4 feet high.

Price, First Size, each, 15c; doz., $1.50, prepaid; Mammoth Size, each, 20c; doz., $2.00, prepaid.

Mexican Morning Glory

Ipomoea Digitata (Paniculata)—The vine grows 25 feet long and the leaves are 10 inches apart with a cluster of pinkish lavender flowers at each leaf. New flowers open daily, is a rare, new and interesting bulb. Keep roots in winter like dahlias.

Price, First Size, each, 50c; doz., $5.00, prepaid.

Ismene Calathina

(Hymenocallis)

Flowers are pure white, borne three or four on a stem, and are very fragrant. Not hardy.

Price, each, 25c; doz., $2.50, prepaid.

Madeira Vine

(Boussingaultia Baselloides.)

One of the best and most popular climbers for foliage effect. Increases very rapidly.

Price, each, 10c; 3 for 25c; doz., 90c; 25 for $1.75, prepaid.

Oxalis

Summer Flowering—These useful little plants are very effective in masses or beds and are particularly valuable for edgings. They produce an unbroken row of foliage about one foot high and continuous bloom. The colors we can supply are **white, red, pink.**

Price, either color, doz., 30c; 25 for 50c; 100 for $1.75, prepaid.

Zephyranthus {Fairy Lily / Zephyr Lily}

One of the prettiest and most easily grown bulbs. Plant in open ground like gladiolus bulbs.

Candida—Pure white and the most profuse bloomer of all.
Price, each, 10c; doz., $1.00; 25 for $1.75, prepaid.

Rosea—Beautiful clear rose; flowers large and very handsome.
Price, each, 20c; doz., $2.00; 25 for $3.75, prepaid.

Tuberoses, Double and Single

(Polianthes Tuberosa.)

Easily recognized by its exquisite fragrance and beautiful flower spikes, which are borne on long stems, making it an admirable cut flower. If started in warm place in pots, and end of May moved to open ground, can be flowered much earlier.

Excelsior Dwarf Pearl

Our Excelsior Dwarf Pearl is a special selection, made for many years, of the most dwarf double and full flowered.

Mammoth Bulbs—Each, 15c; 3 for 40c; doz., $1.50; 25 for $2.75, prepaid.
First Size—Each, 10c; doz., $1.00; 25 for $1.75, prepaid.
Second Size—Price, each, 5c; doz., 50c; 25 for 90c, prepaid.

Armstrong's Ever-Blooming—This variety blooms year after year and has a fragrance similar to the "Jasmine."
Price, each, 10c; doz., 75c, prepaid; 25 for $1.40, prepaid.

Silver-Leaved—An early single flower, with striped leaves.
Price, each, 10c; doz., 75c; 25 for $1.40, prepaid.

Albino—Branching single variety, early and very free flowering.
Price, each, 10c; doz., 75c; 25 for $1.40, prepaid.

Mexican Tuberose

These come from the high table land of Central Mexico. They have tall, stiff stems, flowers pure white, single true tuberose fragrance.

Price, each, 5c; doz., 50c; 25 for $1.00, prepaid.

LILY BULBS

Outdoor Culture—When planting Lilies out of doors, see that they have a well drained position, and where they will be shaded from very hot sun. Such places can usually be found around the shrub borders, and in the hardy plant border.

Spade over the ground thoroughly to a depth of 18 inches before planting Lilies and enrich it by adding equal portions of leafmold, peat and rotten manure. Plant the bulbs 4 to 6 inches deep; putting some sand under and around the bulbs.

For leaflet "Indoor Lily Culture," write us.

LILY BULBS BY PARCEL POST—For postage zone rates see page 120.

Approximate weights: 8 to 9-inch, doz., 4 to 5 lbs.; 9 to 11-inch, doz., 6 to 7 lbs.; 11 to 12-inch, doz., 9 to 10 lbs.

Lilium Myriophyllum or Regale

A magnificent new lily from China, vigorous, 3 to 5 feet high, bearing one to several handsome white fragrant flowers; slightly shaded pink outside and the lower inner surface primrose-yellow. It is a hardy lily and is one of the finest novelties offered in many years. It seems to thrive on any good, well-drained soil. It has been obtained in limited quantities for several years and is now grown from seed, from bulblets and bulb scales. It promises to be the most popular lily in our country.

Bulbs—4-inch. Each, 60c, prepaid; 3 for $1.70; doz., $6.50, prepaid.

Lilium Auratum

The Gold Banded Lily of Japan

First Size—(8 to 9 inches), each, 35c, prepaid; 3 bulbs for $1.00; doz., $3.50, not prepaid.

Mammoth—(9 to 11 inches), each, 50c, prepaid; 3 for $1.35; doz., $5.00, not prepaid.

Jumbo—(11 to 12 inches), each, 75c, prepaid; 3 for $1.75, not prepaid.

Auratum Platyphyllum

Improved Lilium Auratum

First Size—(8 to 9 inches), each, 40c, prepaid; doz., $4.00, not prepaid.
Mammoth—(9 to 11 inches), each, 60c, prepaid; doz., $6.00, not prepaid.

	Prepaid, each	Not prepaid, 3 for	Doz., not prpd.
Rubrum Magnificum—Spotted purple-red with white edges. Most satisfactory of the Speciosum class.			
First Size. (8 to 9 inches)	$0.35	$1.00	$3.50
Mammoth. (9 to 11 inches)	.50	1.35	5.00
Jumbo. (11 to 12 inches)	.75	1.75	....

Various Hardy Lilies

	Each	3 bulbs prepaid	Doz. not prpd.
Canadense (Meadow Lily)—Gracefully drooping bell-shaped, red and yellow flowers	$0.20	$0.55	$2.00
Henryi—A rare and very beautiful Lily from China. The flower stalks, 3 to 5 feet high, carry 5 to 8 large flowers each; apricot spotted brown	.60	1.70	6.50
Elegens Mixed—A splendid assortment of this type	.20	.55	2.00
Pardalinum—(Leopard Lily). Rich scarlet and yellow, spotted rich brown	.25	.60	2.50
Superbum—The finest of the native lilies. Flowers bright orange, spotted purple	.20	.55	2.00
Tigrinum Splendens—Very hardy native lily; orange, spotted purple	.25	.60	2.50
Tigrinum Flore Pleno—The well-known double Tiger Lily. Rich orange, 4 feet	.25	.60	2.50
Umbellatum Mixed—Colors range from deepest red through all shades of crimson, rose, yellow, buff and apricot	.25	.60	2.50
Umbellatum (Erectum)—Scarlet	.30	.80	3.00

Lily of the Valley (Convallaria Majalis)

Large Clumps—For outdoor planting, clumps are best to plant. They do best in a shady, moist place. We especially recommend the clumps for outdoors, as they give a quicker and better effect at less cost.

Price, each, 65c, prepaid; 3 for $1.75, prepaid.

Vaughan's Dahlias

IN THE following we offer what we consider the best of the Foreign and American Dahlias. We will supply **Pot-Grown Plants** of the newer varieties and strong tubers of proper planting size as marked preceding the list of varieties. Pot plants we do not advise planting before **May 15th.** With good care and soil the pot plants make a good growth, brighter colored flowers and larger blooms. Please state if you want a substitute, should our supply of any variety become exhausted.

THE ART OF GROWING DAHLIAS

DAHLIAS will grow almost anywhere. But in some sections there are special adverse conditions which must be overcome. The tuber that is planted grows and multiplies underground to the same extent that the plant grows above. Therefore, if the ground it is planted in is not of such character or "friability" that will grow potatoes, beets or any other root crop, it stands to reason that it is not suited to dahlias.

The dahlia is a voracious feeder which means that it must have room and food, and should not be planted near trees or shrubs that send their roots out for great distances. The dahlia stem is similar in character to the hollyhock and sunflower stalks excepting that the dahlia is filled with water. Too much water during its growing season will tend to produce a wealth of foliage and little or no blossoms. It also will cause the tuber to send up several small shoots or sprouts which take from the strength of the main stalk and lessen the chances of bloom.

An enthusiastic dahlia fan who grows dahlias for pleasure and has rather remarkable success growing them in the soil of the well-known North Shore district of Chicago follows this program:

In the fall, just prior to the time the ground freezes, spade up the space allotted for the dahlias. In the spring a good heavy covering of well rotted manure to the depth of 6 inches is spread over the surface and is spaded in. When the plot is smoothed over it is then measured out. Four feet apart each way (five would be better if there is room), seven-foot stakes of material, two inches square, are driven into the ground one foot. Labels corresponding to the names of the dahlias are next tacked on the stakes at the top for later identification. Then the tubers are planted directly in front of the stakes, and covered with at least five inches of soil. Next a fifty-pound sack of sheep manure is raked over the 200 square feet of surface and watered enough to lay it.

An important point is the time of planting. Tubers are not planted until the ground is warm and dry, usually May 15th on the North Shore near Chicago. Tubers rot quickly in cold, wet soil.

Dahlia plants, now so widely used, are set out later than the tubers, and planted deeper than it is customary to set perennial plants.

Depending now upon the weather the sprouts will start to show in from ten days to three weeks. Pinch off all but one the same as you would do with a tomato plant and keep on pinching off all but the one sprout. As soon as this has reached a height of eighteen inches or two feet tie it to the stake; it is tender and brittle and will easily snap off. Do not use ordinary string for tying as it cuts into the stem and if it cuts far enough will let the water content out and the plant is done for. (⅝" tape is good.)

Side branches may now be allowed to grow, but not too many—one on each side will be plenty. Aside from what water the plant will get from rain it should not be watered until the buds start to form, then from one to two pails of water daily is needed.

The buds are thrown out much as the branches of the plant and need some pinching off. One main flower bud will have from two to four side buds which should be pinched off, as they take from the strength of the main flower. These are always small and apt to be irregularly formed.

The varieties of the dahlia are many and varied, as to color and size, hence the choice should be left to the individual. The average person interested in dahlias seems to have the greatest success with the decorative and hybrid decorative types. In the garden of the "fan" on the North Shore, mentioned above, as many as twelve blooms, measuring from seven to eleven inches across, were cut at one time.

The use of fertilizer in liquid form is exceedingly helpful during the blooming period.

New Decorative Varieties

The following can be supplied in tubers and pot-grown plants. Plants ready May 15th.

AL KORAN. Rich amber yellow blooms with wavy petals which make them very attractive. Price, Tubers, each, $2.00; Plants, each, $1.00.

AMUN RA or THE SUN-GOD. This is one of the most sensational of the new Dahlias. It is distinct both in color and formation, and while a giant in size it is perfect in shape. The outer petals are of gorgeous copper and orange tones shading to gold and amber, deepening in the center to a dark reddish brown. The stems are stout and hold the immense flowers well above the strong, vigorous plants. The flowers keep for days when cut and last a wonderfully long time on the plant. A variety that makes a lasting impression on all who see it. Price, Tubers, each, $2.00; Plants, each, $1.00.

CHAMPAGNE. A warm autumn shade. Copper to golden. A good exhibition dahlia having huge blooms on long, stiff stems. Price, Tubers, each, $2.00; Plants, each, $1.00.

ELITE GLORY. A distinctive new dahlia. One of the finest among the exhibition varieties. Produces giant flowers, thirteen inches and more in average soil. The blooms are a brilliant red borne on long, heavy stems. Is of a compact sturdy bush growth, and a good keeper as a cut flower. Price, Tubers, each, $10.00; Plants, each, $5.00.

JERSEY'S BEAUTY. (Decorative.) A variety of supreme merit and one that is really perfect. No other dahlia so far introduced can measure up to it; it is the standard by which to judge all others. The color is true pink without any markings, flowers of perfect shape produced on long, straight, stiff stems. Very free bloomer and a splendid keeper. Price, Tubers, each, $2.00; Plants, each, $1.00.

MRS. ELEANOR MARTIN. Mulberry red flowers, large and of good form. A good exhibition dahlia. Price, Tubers, each, $3.50; Plants, each, $1.75.

PRESIDENT WILSON. Color garnet, the ends of petals delicately tipped white. Price, Tubers, each, $3.00; Plants, each, $1.50.

POP STEWART. Rose and lilac-pink blooms produced freely on stiff stems. A clean grower. Price, Tubers, each, $4.00; Plants, each, $2.00.

SAGAMORE. A fine cut-flower variety, golden to salmon-rose shadings. Blooms all season. Price, Tubers, each, $3.50; Plants, each, $1.75.

WIZARD OF OZ. In color a glowing amber-pink. The blooms are of mammoth size, held erect on strong stems. Blooms all season. Equally good as a garden, cut, or exhibition flower. Price, Tubers, each, $2.00; Plants, each, $1.00.

SPECIAL OFFER No. 98. One each of the above ten varieties in strong pot-grown plants for May 15th delivery. Postpaid to 4th zone for $15.00.

Choice Decorative Varieties

The following can be supplied in tubers and pot-grown plants. Plants ready May 15th:

ALEX WALDIE. Large flowers of a creamy color overlaid with a delicate salmon-pink. The blooms are held well above the foliage. Price, Tubers, each, $1.00; Plants, each, 75c.

DAKOTA. Color a deep tone of rich coral-red with coppery suffusion, very large on strong stems. Price, Tubers, each, $1.00; Plants, each, 75c.

EARL WILLIAMS. This is a giant flowering dahlia attaining 12 inches in diameter, color brilliant scarlet and white variegated. Price, Tubers, each, $1.50; Plants, each, $1.00.

HALVELLA. An all-season bloomer producing rose-pink flowers that are deep and full. A good all-round dahlia. Price, Tubers, each, $1.00; Plants, each, 75c.

HORTULANUS FIET. A Holland importation, creamy salmon shading to soft yellow. A free-flowering variety. Price, Tubers, each, $1.00; Plants, each, 75c.

INSULINDE. The finest dahlia of distinct form with petals twisted and curled. Stems are 2 to 3 feet long and flowers 9 to 10 inches across. Color, rich saffron-yellow, shaded russet-orange. Price, Tubers, each, $1.00; Plants, each, 75c.

JERSEY'S EMPEROR. (Decorative.) Dark maroon; flowers of good size; produced very freely on good stems. Price, Tubers, each, $2.00; Plants, each, $1.00.

JERSEY'S KING. (Decorative.) Begonia rose. Flowers very large and broad petaled; stems very stiff; very robust grower and free bloomer. Price, Tubers, each, $1.00; Plants, each, 75c.

JUDGE ALTON B. PARKER. (Decorative.) A magnificent golden-buff color, flowers very large which are carried erect on strong, stiff stems well above the foliage. Price, Tubers, each, $1.50; Plants, each, $1.00.

JUDGE MAREAN. A very large flower of perfect decorative shape. The colors changing as the flowers pass through different stages of development, are a combination of glowing salmon-pink, red, iridescent orange, yellow and gold, all blending most harmoniously. It is an early and continuous bloomer with long, perfect stems. Price, Tubers, each, $1.50; Plants, each, $1.00.

KITTY DUNLAP. A pleasing shade of carmine-rose similar to the American Beauty shade. Has broad petals that roll slightly. A good keeper. Price, Tubers, each, $1.00; Plants, each, 75c.

LA MASCOTTE. Distinctive and pleasing. Silvery white petals with deep violet reverse, which gives a two-tone effect when opening. Blooms are of medium size, produced in profusion. Price, Tubers, each, $1.00; Plants, each, 75c.

SYLVIA

MR. CROWLEY. A plant of dwarf habit having blooms of a glowing salmon-pink with yellow at the base of the petals. Price, Tubers, each, $1.00; Plants, each, 75c.

MRS. IDE VER WARNER. (Decorative.) Large perfect flowers of a charming color; a deep mauve-pink on stout stems. A good grower and free bloomer. Can be grown to a diameter of 11 inches. One of the best dahlias in cultivation. Price, Tubers, each, $1.00; Plants, each, 75c.

ROSA NELL. (Decorative.) It is not possible to find a better dahlia of its color. The flowers are large of best decorative formations; they are borne on long stiff stems; in good shape to the end of the season. It is of the brightest rose. A flower that always attracts attention. Price, Tubers, each, $1.00; Plants, each, 75c.

SNOWDRIFT. Produces a full, deep, white bloom on rather low plants. A good white decorative. Price, Tubers, each, $1.00; Plants, each, 75c.

THE GRIZZLY. Gives large, finely formed flowers on good stems. In color a rich crimson shaded maroon. Price, Tubers, each, $1.00; Plants, each, 75c.

WM. SLOCOMB. A large well-formed flower of canary-yellow deeper at the center. The blooms are held well above the foliage. Price, Tubers, each, $1.00; Plants, each, 75c.

SPECIAL OFFER NO. 98A. One each of the above 18 dahlias in strong pot-grown plants for May 15th delivery. Postpaid to 4th zone for $10.00.

Standard Decorative Varieties

The following varieties will be supplied in field-grown tubers of proper planting size:

CHARM. A much admired free-flowering variety on long, stout, wiry stems, a most pleasing combination of burnt orange shading to yellow. Price, each, $1.00.

DAVID HARUM. Bright orange-scarlet with deep crimson shadings. Large flat flowers measuring 6 to 7 inches across. Thick, wide petals, full to the center. Price, each, 35c.

DELICE. The finest pink decorative dahlia. Its beautiful soft, yet lively, color a glowing rose-pink, borne on long, stiff stems. Valuable as a cut flower. Price, each, 35c

GLORY OF ARGONNE. Delicate violet-rose shading to white. Price, each, 75c.

HENRY PATRICK. A pure waxy white, blooms very freely, flowers 5 to 7 inches in diameter. Price, each, 35c.

HOCHSAI. A clear, golden orange, darker shaded center; free-flowering, early. Price, each, 50c.

JACK ROSE. Bright carmine-red overlaid violet, resembling the color of the rose of the same name. A splendid variety for decorative use in the garden. Price, each, 35c.

JACK'S DISCOVERY. White mottled with violet-rose. Flowers of medium size are borne on stiff stems. Price, each, 50c.

JACQUES URLUS. Large salmon-pink shading to pale amber center. Price, each, 35c.

KING OF AUTUMN. An entirely new shade of buff-yellow suffused with orange. Price, each, 50c.

KING OF COMMERCE. Color a rich tango, beautifully lighted old gold and orange; blooms 5 to 6 inches. Price, each, 35c.

LE GRAND MANITAU. A variegated bloom. White streaked with lilac and crimson. Price, each, 35c.

MINA BURGLE. Flowers of gigantic size and remarkable beauty. A most glowing brilliant scarlet. Price, each, 35c.

MRS. CARL SALSBACK. A strong, vigorous grower, color a lively shade of solferino-pink with white suffusion which intensifies its color. Price, each, 75c.

DAHLIAS, Standard Decorative Varieties—Contd.

MRS. H. C. DRESSELHUYS. A new dahlia of soft pink overlaid with white. Similar in color to the popular Delice, but a much more prolific bloomer. One of the best pinks for cutting. Price, each, 75c.

PATRICK O'MARA. The color is an unusually soft and pleasing shade of orange-buff slightly tinged with beautiful deep rose-color. It is very large, 7 to 9 inches in diameter. Price, each, 75c.

POLAR BEAR. It is of the purest white, the flowers of great size and excellent form, borne very freely on good long stems. Price, each, 75c.

PRIDE OF CALIFORNIA. Crimson red, dark full center, good stems and a good keeper. Price, each, 75c.

QUEEN MARY. A beautiful pearl-pink of good size with magnificent stem and foliage. Price, each, 35c.

REVE D'AMOUR. Petals irregular, making a pretty fluffy flower of large size, of a pleasing crimson-pink with salmon suffusion. Price, each, 50c.

SYLVIA. White, shading to soft pink on the outer petals. Price, each, 35c.

THE MILLIONAIRE. (Gold Medal Dahlia.) Most delicate lavender with faint pink cast overshading it. Flowers measure 6 to 9 inches. Price, each, 50c.

SPECIAL OFFER. NO. 99. One each of the above varieties in field-grown tubers of proper planting size. Postpaid to 4th zone for $9.00.

New Cactus Varieties

The following can be supplied in tubers and strong pot plants. Pot plants ready May 15th.

EMMA MARIE. A pleasing shade of clear pink with creamy white centers. Has a good habit of growth, freedom of bloom, and excellent keeping qualities as a cut flower. Price, Tubers, each, $3.00; Plants, each, $1.50.

ESTHER HUNT. Produces a vivid orange-colored flower which makes a striking display. The blooms are composed of long, well-rolled petals serrated at the tips. Good stems. Price, Tubers, each, $2.00; Plants, each, $1.00.

ISLAM PATROL. (Hybrid Cactus.) A gorgeously colored flower; a velvety crimson-scarlet tipped and flushed with pure gold. It is very early and holds its perfect shape to the end of the season; one of our most brilliantly colored varieties. Price, Tubers, each, $3.00; Plants, each, $1.50.

JERSEY'S RADIANT. (Hybrid Cactus.) A radiant dahlia of bittersweet-orange, produced on long, stiff stems held well above the foliage. A fine exhibition variety. Price, Tubers, each, $3.00; Plants, each, $1.50.

KING SOLOMON. An excellent and very beautiful new dahlia of brilliant orange color, large size, artistic formation, vigorous growth and freedom of bloom. Price, Tubers, each, $5.00; Plants, each, $2.50.

SISKIYOU. Large pink tinged mauve. Flowers held erect on long, stiff stems. Price, Tubers, each $2.00; Plants, each, $1.00.

SPECIAL OFFER. No. 99A. One each of the above 6 dahlias in strong plants, ready May 15th. Postpaid to 4th zone, $7.50.

Choice Cactus Varieties

The following can be supplied in tubers and strong pot plants. Pot plants ready May 15th.

AMBASSADOR. (Hybrid Cactus.) The sensational dahlia since its introduction. Its color is a soft yellow at the center with salmon, amber and pink shadings gradually deepening towards the tips and outer floral rays. The flowers are of largest size and set on perfect stems. A strong grower and free bloomer from early till late. Price, Tubers, each, $2.00; Plants, each, $1.00.

ATTRACTION. Very large, perfect and full flowers of a clear lilac-rose color; producing fine flower stems. Price, Tubers, each $1.00; Plants, each, 75c.

CALIFORNIA BEAUTY. An attractive new shade of amber-copper. The flowers are large and on good stems. Price, Tubers, each, $1.00; Plants, each, 75c.

CALIFORNIA ENCHANTRESS. A well-formed pink on good stems. Price, Tubers, each, $1.00; Plants, each, 75c.

ESTHER HOLMES. A deep lavender-pink. One of the best of the hybrids for cut flowers. Blooms freely, produced on long, stiff stems. Price, Tubers, each, $1.00; Plants, each, 75c.

GLADYS SHERWOOD. (Hybrid Cactus.) It is truly a wonderful dahlia. Flowers over 10 inches in diameter, composed of long, curling petals of glistening white, forming a flower of unusual depth. These giant flowers are held erect on strong stems and are produced in wonderful profusion. It is unequaled for garden decoration. Price, Tubers, each, $1.00; Plants, each, 75c.

JEAN CHAZOT OR GAY PAREE. (Cactus.) It is a fine exhibition flower, splendid for garden decoration, and unsurpassed by any of the autumn tints as a cut flower. The habit of the plant is all that could be wished for, a free, upright grower; long, stiff, wiry stems hold the flowers well above the foliage in such a manner as to display their full beauty; it is one of the most prolific to flower, coming into bloom early and continuing in good condition to the end of the season. Price, Tubers, each, $1.00; Plants, each, 75c.

CHOICE CACTUS VARIETIES—Continued

MARIPOSA. (Hybrid Cactus.) A delightful shade of true pink which is intensified by a deeper center; a faint violet suffusion adds to the effect. The veining of the petals heightens the beauty and increases the novelty of the coloring. An absolutely stiff stem rises nearly 3 feet above the foliage. Blooms early and continues in good shape to the end of the season. Price, Tubers, each, $2.00; Plants, each, $1.00.

PAPILLON. A highly rated cactus dahlia. It is of beautiful formation and coloring, being a blend of old rose and gold Price, Tubers, each, $1.50; Plants, each, $1.00.

VIOLETTA. (Hybrid Cactus.) Petunia-violet in color; flowers large on fine stems; free bloomer and good grower. Price, Tubers, each, $2.00; Plants, each, $1.00.

SPECIAL OFFER. No. 99B. One each of the above 10 dahlias in strong plants ready May 15th. Postpaid to 4th zone for $7.00.

Standard Cactus Varieties

The following can be supplied in tubers only.

AURORA. Delicate reddish apricot suffused with pink shading lighter towards the tips of the petals. Price, each, 50c.

BEATRICE. An extremely large flower, one of our best, color a true lilac. Price, each, 50c.

BIANCA. (Hybrid Cactus.) Lilac-rose, very free-flowering and a wonderful variety for cut flowers. Price, each, 50c.

BRIDE'S BOUQUET. An early and profuse bloomer, purest white, exceptionally fine for cutting. Price, each, 50c.

COUNTESS OF LONSDALE. (Cactus.) A delicate apricot shading towards the edges of the petals to carmine-pink. Early and one of the very best. Price, each, 35c.

ETENDARD DE LYON. One of the best of the cactus type. Broad, wavy petals of a color between a rich carmine-rose and royal purple. Price, each, 75c.

EXTASE. A splendid large flowering variety, color a beautiful rose overlaid with yellow, which deepens toward center. Price, each, 75c.

F. W. FELLOWS. Flowers of immense size composed of numerous long, narrow incurved petals of a lively orange-scarlet. Price, each, 75c.

GOLDEN WEST. A rich golden, bronzy yellow with scarlet shading at the base of the petals and the center. Lower flower is 6 to 8 inches across, outer petals reflexing somewhat, with full high center. Price, each, 50c.

J. H. JACKSON. A perfect gorgeous deep, velvety, blackish maroon. Gigantic in size. Every dahlia lover should grow this variety. Price, each, 35c.

JUSTICE BAILEY. Delicate flesh rose-pink, shaded white to center; size of bloom and length of stem makes this variety all that can be desired. Price, each, 50c.

KALIF. Pure scarlet. A truely majestic flower frequently measuring 8 to 10 inches in diameter; strong grower. Price, each, 50c.

KREIMHILDE. Very attractive light pink blooms with white centers and curly petals. Keeps well when cut. Price, each, 35c.

MARJORIE CASTLETON. A fine soft pink, blooming early and continuously. It is a rapid grower with good stems. Price, each, 35c.

MRS. HENRY R. WIRTH. A splendid companion to Countess of Lonsdale, having all the qualities of the former. In color a rich glowing intense scarlet. Price, each, 35c.

MRS. WARNAAR. (Hybrid Cactus.) A splendid free-flowering variety of creamy white with just a faint appleblossom suffusion; flowers 8 inches in diameter; petals long and curled. Price, each, 50c.

MRS. W. E. ESTES. (Hybrid Cactus.) An exceptionally fine dahlia of excellent formation and very large size. The pure white flowers are produced on long, strong stems. Price, each, 75.

NIBELUNGENHORT. A giant plant producing giant blooms of a rich golden apricot suffused with old rose. It is a good exhibition variety and does well everywhere. Price, each, 50c.

YELLOW KING. An unusually large flower of pure yellow; very rich in color; freely produced on very long, stiff stems. Price, each, 35c.

SPECIAL OFFER. No. 99C. One each of the above 19 dahlias in strong tubers. Postpaid to 4th zone for $8.00.

Show Dahlias

The following can be supplied in tubers only.

A. D. LIVONI. A beautiful soft pink flower with quilled petals. Price, each, 35c.

DREER'S WHITE. Glistening white, resembling in form Grand Duke Alexis; free-flowering. Price, each, 50c.

DREER'S YELLOW. A good grower and an early and profuse bloomer. Produces a ball-shaped flower with closely quilled petals. Price, each, 35c.

SHOW DAHLIAS—Continued

GOLD MEDAL. A dahlia with autumn coloring, deep yellow, regularly striped dark crimson. A striking flower. Price, each, 50c.

MISS HELEN HOLLIS. A brilliant red with quilled petals, always full at the center. The plants are sturdy with good foliage and stems. Price, each, 75c

ROBERT BROOMFIELD. Show and fancy; pure white; of excellent form; highly recommended. Price, each, 35c.

STRADELLA. Rich deep purple-crimson; very free-flowering; long stems. Price, each, 35c.

YELLOW DUKE. Pure canary-yellow; large size flowers on good, stiff stems. Price, each, 35c.

SPECIAL OFFER. No. 99D. One each of the above 9 dahlias in strong tubers. Postpaid to 4th zone, for $2.75.

Century Dahlias

This giant flowering type of single dahlias are now very popular both for garden decoration and for cutting.

The following can be supplied in tubers only.

GOLDEN CENTURY. A rich golden yellow suffused with amber.

MAROON CENTURY. Beautiful rich maroon, large yellow center. Erect, free-flowering.

PINK CENTURY. Delicate soft pink, similar to Twentieth Century and an equally profuse bloomer, the largest and finest of the set. Strong and vigorous with fern-like foliage.

SCARLET CENTURY. Brightest dazzling scarlet, golden disc. Immense flowers of fine round form, very profuse in flowering.

WHITE CENTURY. A profuse bloomer and a strong grower.

Price: Any of the above dahlias, each, 35c.

SPECIAL OFFER. No. 99E. One each of the above. 5 dahlias in strong tubers. Postpaid to 4th zone, for $1.50.

Pompon Dahlias

Under this head come those small Bouquet Dahlias that are so popular for cut flowers.

The following can only be supplied in pot-grown plants ready May 15th.

CARDINAL. Red. Good grower and free bloomer. Price, each, 25c.

LITTLE HERMAN. Deep red, tipped white; very free. Price, each, 25c.

LITTLE MAY. Clear and yellow. Very prolific. Price, each, 25c.

SUNBEAM. Rich crimson-red, very fine. Price, each, 25c.

SNOWCLAD. The best pure white pompon. Price, each, 25c.

SPECIAL OFFER. No. 99F. One each of the above 5 dahlias. Postpaid to 4th zone, for $1.00.

Peony Dahlias

The following can be supplied in tubers only.

AVALANCHE. A splendid pure white. An early and free bloomer. Price, each, 50c.

JAN OLIESLAGERS. Deep primrose-yellow; very large and free-flowering. Price, each, 35c.

LAURA BARNES. One of the most popular dahlias of recent introduction. Its large flowers are an attractive shade of orange-red. Price, each, 50c.

MRS. JESSIE L. SEAL. A pleasing old rose with a slight gold shading. The flowers are large and of an attractive formation. Its good stems and keeping qualities make it a popular cut-flower variety. Price, each, 75c.

PAHASKA. A dahlia producing blooms of immense size; color an apricot-fawn with a distinct pink shading. A shaggy appearance is given by the long curved petals. It is a vigorous grower. Price, each, $1.00.

QUEEN WILHELMINA. This is a splendid variety of this new type with immense pure white flowers with yellow center. Price, each, 35c.

TYRREL AUSTIN. Outer petals a rich carmine-red, inner petals beautifully blended and veined carmine, shades of yellow and pink. Price, each 75c.

SPECIAL OFFER. No. 99G. One each of the above 7 dahlias in strong tubers. Postpaid to 4th zone, for $3.50.

Un-named Double Dahlias. Undivided field clumps in white, pink, yellow, red or variegated, good sorts. Price, each, 35c; doz., $3.00, by express.

Mixed Single and Double Dahlias. Undivided field roots. Price, each, 25c; doz., $2.50, by express.

Dahlia Tubers. In white, pink, yellow, red or variegated. Price, each, 15c; doz., $1.50, postpaid.

CECILE BRUNNER

Garden Roses

WE GROW rose plants only. We do not grow cut flowers. The best healthy wood is used for propagation and is not exhausted in bearing flowers. Our heavy soil is adapted to rose growing. These are grown under the personal supervision of an expert, are wintered in a temperature as low as is essential for their successful culture, and are strong, bushy plants, with clean, healthy, well ripened wood.

All orders are handled and packed by experienced hands, and we guarantee safe arrival by express. With special fast train service in every direction from Chicago, our mail and express packages of all greenhouse plants are much more satisfactorily handled than from cities less centrally located.

Ask for our pamphlet, "How to be Successful With Roses."

Prices on Roses—Each from 2½-inch pots includes prepayment to 4th zone.

Larger lots and size go by express at buyers' expense.

Hardy Hybrid Perpetual Roses

Among garden lovers no hardy plants are so generally popular as the Hybrid Perpetuals, often called June Roses. Once established they are strong and hardy growers, bearing large globular flowers. While severe weather does not kill them, some protection in the way of a moderate covering of rotted straw, light manure or leaves is very advantageous, and necessary around Chicago.

The roses offered here are budded low on Manetti or Dog rose stocks and are generally known as budded roses. Plant so that the bud is three inches below the surface of the ground. Early Spring planting is essential.

ROSES demand reasonably free watering, and frequent spraying with Hellebore and Bordeaux Mixture for insects and fungus will be found beneficial. They thrive best with application of manure water, and at least two applications of bone meal (two pounds per square yard) prior to blooming time.

Price, 2-year dormant up to May 1st, each, 75c; doz., $7.50, postpaid.

2-year potted plants, ready May 1st, each, $1.00; doz., $10.00, by express.

ANNA DE DIESBACH (GLOIRE DE PARIS). Brilliant carmine flowers, very full double and delightfully sweet. A vigorous grower and fine bloomer. One of the hardiest of the well-known, desirable roses.

FRAU KARL DRUSCHKI (WHITE AMERICAN BEAUTY). Pure white, long, immense buds and perfectly double flowers. For bedding and for cutting it is the finest in its class.

GEN. JACQUEMINOT. Bright shining crimson, shapely buds, fragrant. The Jack Rose is noted for its good qualities.

GEORGE ARENDS (PINK FRAU KARL DRUSCHKI). Beautiful clear pink, different in color from any other rose; a free-bloomer and one of the best.

GRUSS AN TEPLITZ. HT. Rich scarlet, shading to a velvety crimson; very fragrant; a free, strong grower, in bloom all the time. This rose should be in every garden, as it succeeds under the most ordinary conditions.

J. B. CLARK. Robust in growth, with clean heavy foliage. Flowers are large, deep scarlet, overlaid crimson.

MAGNA CHARTA. Deep pink, large sweet-scented and of fine form; one of the hardiest roses in cultivation.

MRS. JOHN LAING. Very free-flowering, commencing to bloom early in the season and continues to bloom profusely until late autumn. A soft delicate pink with a satiny sheen; very fragrant, fully double.

PAUL NEYRON. This magnificent rose is by far the largest variety in cultivation. Very double and full, deep rose and delightfully fragrant; very floriferous.

PERSIAN YELLOW (AUSTRIAN BRIAR). The Hardy Yellow Rose of olden times. Deep golden yellow, semi-double and very hardy, suitable for planting in old-fashioned gardens and among shrubs.

ULRICH BRUNNER. A rose of beautiful form and finish, brilliant cherry-crimson. Vigorous, blooming continuously in the open.

SPECIAL OFFER NO. 100B. One each of any 6 varieties of above roses in 2-year dormant plants, postpaid to 4th zone, for $4.00.

Everblooming Hardy Hybrid Tea Roses

This class has resulted from crossing the Hardy Perpetuals with the Tea scented varieties and possesses the hardiness of the first with the free-blooming habit and fragrance of the latter. All have long-pointed buds borne on strong stems which make them valuable as cut flowers.

Price, except where noted, from 2½-inch pots, each, 25c; doz., $2.50; per 100, $15.00.

From 4-inch pots, each, 50c; doz., $5.00; 100, $35.00.

TEMPLAR. A clear even shade of red that does not change to blue or purple as the flower ages. It is a color that holds well at all times. It produces heavy dark green foliage which is almost disease-resistant. A vigorous upright grower.

Price, from 2½-inch pots, each, 30c; doz., $3.00; 100, $20.00.

From 4-inch pots, each, 60c; doz., $6.00; 100, $45.00.

COLUMBIA. A true pink, deepening as it opens to a glowing pink. A peculiarity of the variety is that the shades all become more intense until fully open. Strong grower, sending up numerous stiff stems of good length with fine foliage free from mildew.

CYNTHIA FORD. Deep, brilliant rose shading on the back of the petals to a light rosy pink, very free-flowering and fragrant.

GOLDEN OPHELIA. This is a seedling from the well-known variety Ophelia. Golden yellow, lighter at the edges, slightly fragrant.

Price, from 2½-inch pots, each, 30c; doz., $3.00; 100, $20.00.

From 4-inch pots, each, 60c; doz., $6.00; 100, $45.00.

GRUSS AN TEPLITZ. Rich scarlet shading to crimson, very fragrant. A vigorous grower and in bloom all the time.

KAISERIN. In color a soft pearl-white tinted with lemon in the center, remarkably fragrant. A strong, free, healthy grower.

KILLARNEY DOUBLE WHITE. A pure white sport of the famous and popular Killarney rose, identical in every way with its parent excepting in color.

LADY HILLINGDON. A beautiful coppery shade of apricot-yellow. A strong, vigorous grower and very free-flowering.

MRS. AARON WARD. Few roses attract so much attention as this beautiful variety. The flowers are full double, a distinct Indian yellow, shading lighter towards the edges. A strong, vigorous, compact grower and free-bloomer.

MME. BUTTERFLY. A glorified sport of Ophelia with all the colors of Ophelia intensified, making it a harmony of bright pink, apricot and gold. A free grower and bloomer with large, handsome foliage free from mildew.

OPHELIA. A delicate tint of salmon-flesh shaded with rose. The flowers are held erect well above the foliage and in great profusion all summer.

PREMIER. Rich deep rose-pink, double, nearly thornless. A robust grower, blooming all season

Price, from 2½-inch pots, each, 30c; doz., $3.00; 100, $20.00.

From 4-inch pots, each, 60c; doz., $6.00; 100, $45.00.

RADIANCE. Brilliant rosy carmine shaded with pink, large, full, of fine form. A constant bloomer and an excellent keeper in summer.

RED RADIANCE. Flowers clear cerise-red. Size, foliage, growth and habit same as in the parent Radiance. A fine variety for outdoor planting.

SUNBURST. The color is intense orange-copper and golden yellow. Buds, long and pointed, opening full and double.

Price, from 2½-inch pots, each, 30c; doz., $3.00; 100, $20.00.

From 4-inch pots, each, 60c; doz., $6.00; 100, $45.00.

W. R. SMITH. The flowers are creamy white, shaded pink, large and double, and are produced with the greatest freedom. It makes a beautiful cut flower.

SPECIAL OFFER NO. 100. One each of the above 16 roses from 2½-inch pots, postpaid to 4th zone, $3.50.

SPECIAL OFFER NO. 100A. One each of the above 16 roses from 4-inch pots, by express, for $6.50.

The American Rose Society sent out to each of its members a questionnaire calling for a vote on the 12 best Hybrid Teas, the 6 best Climbing Roses, and the best 6 from all other classes. The following were included in these referendum reports:

Ophelia	Climbing American Beauty
Radiance	Excelsa
Gruss an Teplitz	Frau Karl Druschki
Los Angeles	Paul Neyron
Mrs. Aaron Ward	Ulrich Brunner
Red Radiance	George Arends
Kaiserin Auguste Viktoria	Mrs. John Laing
Dr. W. Van Fleet	Hugonis
Paul's Scarlet Climber	(See Nursery Cat.)
Dorothy Perkins	

Rockwell, Tex., April 22, 1926.
I want to tell you that my Peony Felix Crousse is blooming and it's the loveliest I ever saw. The center part measures 13 inches around.
MISS GAY HAUBY.

SOUVENIR DE CLAUDIUS PERNET

Bush and Climbers

Newer Varieties

BRIARCLIFF. This rose is a sport from the well-known rose Columbia and has proved to retain all the good qualities of its parent with none of its faults. The color is more brilliant than that of Columbia without the salmon under-tones of that variety—being a true rose-pink. In fragrance it is of sweet tea-rose perfume. Strong, vigoro is grower with dark green foliage and as free from mildew and black spot as any rose we know of.
Price, from 2½-inch pots, each, 50c; doz., $5.00.
From 4-inch pots, each, $1.00; doz., $10.00.

GOLDEN RULE. Clear yellow with golden yellow at base of petals. The flowers are of medium size, carried on stiff stems. A strong grower.
Price, 5-inch pot plants, each, $1.50; doz., $15.00.

LOS ANGELES. Color pale pink and coral shaded with gold, large, very fragrant. Vigorous grower.
Price, 2-year dormant up till May 1st, each, $1.00; doz., $10.00; 2-year potted plants, ready May 1st, each, $1.50, doz., $15.00.

MRS. F. R. PIERSON. It has an equally large flower as the favorite American Beauty even at its best. Better color with fine heavy dark foliage, strong stems, is very fragrant. It is a shade of cardinal-red.
Price, from 2½-inch pots, each, 50c; doz., $5.00.
From 4-inch pots, each, $1.00; doz., $10.00.

SOUVENIR DE H. A. VERSCHUREN. A strong, vigorous grower. Flowers double, apricot-yellow shading to saffron-yellow, very fragrant.
Price, 2-year dormant up to May 1st, each, $1.25; doz., $12.00; 2-year potted plants ready May 1st, each, $1.75; doz., $18.00.

SOUVENIR DE CLAUDIUS PERNET. Flowers sunflower-yellow, unfading even in the warmest weather; foliage brilliant green. It was awarded the Gold Medal at the Bagatelle Garden trials in 1920 and in the same year also received the Gold Medals at the Rose Show in Paris and at Antwerp.
Price, 2-year dormant up to May 1st, each, $1.25; doz., $12.00.
2-year potted plants ready May 1st, each, $1.75; doz., $18.00.

Dwarf Polyantha Roses

These are entirely distinct from the larger flowered sorts, as flowers are borne in clusters of from 10 to 25 individual flowers. If planted in masses of 25 or more together, will make a very effective border or bed.

CECILE BRUNNER. The delicate buds are of perfect form, a deep salmon-pink, turning to a pale flesh color when fully open. Blooms all season. Fragrant.
Price, from 2½-inch pots, each, 25c; doz., $2.00; 100, $12.00.
From 4-inch pots, each, 50c; doz., $5.00; 100, $35.00.

CLOTHILDE SOUPERT. Pearly white, shading to pure rose-pink. Blooms continually during the summer.
Price, from 2½-inch pots, each, 25c; doz., $2.00; 100, $12.00.
From 4-inch pots, each, 50c; doz., $5.00; 100, $35.00.

CHATILLON ROSE. Flowers semi-double, about 1¾ inches in diameter, a silvery crimson shading to a white center, in sprays of from fifteen to fifty flowers.
Price, from 2½-inch pots, each 25c; doz., $2.50; 100, $15.00.
From 4-inch pots, each, 50c; doz., $5.00; 100, $35.00.

KIRSTEN POULSEN. Double light scarlet flowers.
Price, from 2½-inch pots, each, 35c; doz., $3.50.

ORANGE KING. A new shade in Polyantha Roses being a yellow orange produced in large clusters of double flowers. Strong grower.
Price, from 2½-inch pots, each, 35c; doz., $3.50.

RUDOLPH KLUIS. Deep clear pink. Flowers very large, borne in large clusters. Bushy habit. Blooms very freely.
Price, 2½-inch pots, each, 25c; doz., $2.50; 100, $15.00.
From 4-inch pots, each, 50c; doz., $5.00; 100, $35.00.

SUPERBE. Brilliant, rich, deep carmine. Large double flowers produced in strong heavy clusters. One of the best dark colored Polyantha Roses.
Price, from 2½-inch pots, each, 35c; doz., $3.50.

VAUGHAN'S WHITE BABY RAMBLER. Pure snow-white flower about 1 inch in diameter.
Price, 2½-inch pots, each, 25c; doz., $2.00; 100, $12.00.
From 4-inch pots, each, 50c; doz., $5.00; 100, $35.00.

SPECIAL OFFER NO. 101. One each of the above 8 roses from 2½-inch pots, postpaid to 4th zone, for $2.00.

BABY TAUSENDSCHOEN. Dwarf Polyantha with its bountiful bouquets of creamy white saucer-shaped flowers. Every petal edged with rosy pink

CRIMSON BABY RAMBLER. Still a favorite. Flowers in clusters of 30 to 40; the foliage dark and glossy. A large bed in our grounds was constantly in bloom until November, even in the hottest weather.

IDEAL. An intense rich lustrous garnet. The flowers are not large but are produced in very large trusses and are very effective.

ERNA TESCHENDORFF. The color of the flowers is the brightest red, being superior to the Crimson Baby Rambler, Jessie, and others. The flowers are large and very double, and are produced in constant succession throughout the whole season. It is free from mildew.

MISS EDITH CAVELL. Brilliant scarlet-red with darker shadings. One of the most desirable deep colored varieties.

ORLEANS. Brilliant geranium-red, suffused rose and deep cerise. Bushy habit; grows and blooms freely; florets not crowded, but of beautiful arrangement and most lasting quality with their stiff, paper-like texture.
Price of the above six roses in strong 2-year-old dormant plants, each, 75c; doz., $7.50. 2-year potted plants ready May 1st, each, $1.00; doz., $10.00.

SPECIAL OFFER NO. 101A. One each of the above six roses in 2-year dormant plants, postpaid to 4th zone, for $4.00.

Hardy Climbers for Arbors and Pillars

Climbing roses have been constantly in demand, for vines are needed to decorate every home and when such also produce roses, the pleasure is magnified many fold. They are used as screen planting and in borders or for beautifying the unsightly; for ornamenting terraces, banks, rockeries, old stumps or boundary fences; and for covering archways, arbors, pergolas and summer-houses.

AMERICAN PILLAR. Very large, handsome flowers of light bright crimson, with a clear white eye surrounding numerous golden yellow stamens. These flowers fade to an agreeable light pink and are in great clusters.

CLIMBING AMERICAN BEAUTY. A free-climber. Rosy crimson flowers, 3-4 inches across, produced freely in June and occasionally throughout the season. Very fragrant.

BESS LOVETT. Resembles Climbing American Beauty in shape of flower but is brighter in color, a clear bright red, double. Very vigorous.

DOROTHY PERKINS. Beautiful shell-pink double flowers in large clusters. Strong, vigorous grower, attaining a length of 20 feet in one season.

DR. W. VAN FLEET. The delicate flesh-pink flowers are full and double, open to an immense diameter; sweetly perfumed; beautiful bronze green foliage.

EUGENE JACQUET. The earliest and most profuse flowering of all the climbers. Fragrant cherry-red flowers in great profusion; handsome dark green mildew-resisting foliage.

EXCELSA. Flowers very double, produced in large trusses, thirty to forty on a stem; intense crimson maroon. Vigorous.

FLOWER OF FAIRFIELD. Its flowers, produced in profusion, are of a fine crimson color, more lasting and brilliant than the common Crimson Rambler.

HEART OF GOLD. Flowers single, medium size, dark crimson shading to white in center, in large panicles carrying as many as seventy-five blooms. Vigorous, hardy climber; profuse spring bloomer; dark green glossy foliage, mildew resistant.

MARY WALLACE. Pillar rose type. Makes a fine, strong, self-supporting rose 5 to 8 feet high with large, glossy foliage. Blooming with great freedom in spring and bears a considerable number of fine buds in summer and fall. Flowers well formed, semi-double, bright, clear rose-pink with salmon base to the petals. Largest in size of any Wichuriana Hybrids. Generally exceeding 4 inches in diameter.

PAUL'S SCARLET CLIMBER. A most important addition to the Climbing Roses; no other rose in any class can compare with it for brilliancy of color, which is a vivid scarlet. A strong climber and perfectly hardy. Usually blooms again in the fall.

PURITY. A pure white rose. Blooms with flowers like a white Clematis. A very strong grower.

ROSERIE. This splendid new rose is derived as a sport from Tausendschon, its flowers are a deep glowing pink.

WHITE DOROTHY PERKINS. This beautiful rose is the counterpart of the well-known Dorothy Perkins, except in color which is pure white.

Price of above Hardy Climbing Roses:
2-year dormant plants, each, 75c; doz., $7.50.
2-year potted plants, ready May 1st, each, $1.00; doz., $10.00.

SPECIAL OFFER NO. 101B. One each of any 6 varieties of above roses in 2-year dormant plants for $4.00 by express.

Climbing Polyantha and Noisette Roses

CLIMBING CLOTHILDE SOUPERT. Large double, beautiful shell-pink flowers in clusters.
Price, 2½-inch, each, 25c; doz., $2.50; 100, $15.00.
From 4-inch pots, each, 50c; doz., $5.00; 100, $35.00.

CLIMBING MME. CECILE BRUNNER. A continual bloomer with sprays of small, double, rosy pink, fragrant flowers. Splendid for bouquets.
Price, 2½-inch, each, 25c; doz., $2.50; 100, $15.00.
From 4-inch pots, each, 50c; doz., $5.00; 100, $35.00.

MARECHAL NIEL. Beautiful deep golden yellow, very large and double; deliciously scented, but unfortunately not quite hardy (excepting in the South and on the Pacific Coast).
Price, from 2½-inch pots, each 30c; doz., $3.00; 100, $18.00.
From 4-inch pots, each, 60c; doz., $6.00; 100, $45.00.

PHYLLIS BIDE. Pillar Rose. The flowers are a pretty combination of yellow and pink tints, but its great point is that it blooms almost perpetually. Unique among ramblers on this account, one-year plants blooming quite freely.
Price, from 2½-inch pots, each, 25c; doz., $2.50; 100, $15.00.
From 4-in. pots, each, 50c; doz., $5.00; 100; $35.00.

SPECIAL OFFER NO. 101C. One each of the above four roses from 2½-inch pots, postpaid to 4th zone for 75c.

Ready after May 20, 1927

No. 101D. 10 plants, 2½-inch pots; 10 varieties, for $1.50, postpaid.

No. 101E. 10 plants, 4-inch pots; 10 varieties for $3.50, by express.

Vaughan's Cannas

MOST distinct and interesting collection of Cannas, both rare and effective. When planted in masses of one variety they are very effective. Be careful in ordering and planting Cannas to note height of growth so that when in groups, tall ones are at the back, smaller at the front or that kinds of about one height are planted together. All varieties have green foliage unless otherwise specified. First size are plants from two-and-one-half and three-inch pots. Second size from four-inch pots.

Each price of first size plants include prepayment to fourth zone. 6 of one variety at dozen rate. 25 of one variety at 100 rate.

HUNGARIA

The Four Leaders

*King Humbert

4 feet. Searlet flowers, bronze leaves; greatest favorite today. This remarkable "Gold Medal" Canna has been the sensation of the past twelve years. It is a eross between the orchid-flowering and the Freneh or Crozy type, combining the best features of both, the large flowers of one with the fi ee-blooming ehaeaeter of the other, and the handsome broad, tropieal foliage.

*Yellow King Humbert

4 feet. Foliage a very dark green, flowers a deep rich yellow, softly spotted and blotched with bright red; measuring 5 to 7 inches across, individual petals 3 to 3½ inches in diameter. An orehid flowering sport of the well-known variety King Humbert. Some plants will oeeasionally give a searlet or scarlet-striped flower, which we consider an improvement rather than a defect.

Hungaria

3½ feet. The best pink Canna. Leaves bluish green, never burn. Flowers very large, with immense petals. Trusses of enormous size borne well above the foliage. Very eompaet, almost dwarf and of a very luxuriant growth. First size, each, 35c; doz., $3.00; 100, $18.00. Seeond size, eaeh, 45c; doz., $4.00; 100, $22.00.

The President

4 feet. In eolor a rieh glowing searlet with immense rounded flowers, seven inches aeross when fully open, are produeed on strong erect stalks well above the heavy foliage. Free-bloomer and strong grower.

Priee, except where noted, first size, eaeh, 30e; doz., $3.00; 100, $15.00. Seeond size, each, 35e; doz., $3.00; 100, $20.00.

SPECIAL OFFER No. 102. One eaeh of the above four Cannas, first size postpaid for $1.25.

Vaughan's Choice Varieties

Ambassador. 3½ to 4 feet. Bronze foliage; eolor poppy red; very brilliant flowers are borne in immense trusses on strong stalks well above the foliage; petals measuring from 2 to 2½ inches aeross. Plant is very vigorous. Price, first size, eaeh, 40c; doz., $3.50; 100, $25.00. Seeond size, eaeh, 50c; doz., $5.00; 100, $35.00.

American Beauty. 5 feet. Color velvety oriental carminc; very rich and unusually attraetive with its large flowers hcld on firm straight stems in large trusses well above the foliage. Strong, vigorous grower.

Apricot. 4 feet. The color is a buff-yellow base overspread with salmon-pink, making a mass effeet of ri.h apricot.

Brightness. 4 feet. Color deep shade of carmine-rose partieularly pleasing and unique: size of both trusses and flowers enormous with the advantage that it fits nieely in the truss.

City of Portland. 3½ feet. A deep pink which does not fade during the hot weather. A free-bloomer, with flowers borne well above the foliage. Distinet among the several really worth while pink Cannas.

Eureka. 4 feet. Remarkably free-flowering variety and with its striking white flowers, which first appear eream, makes a very effective show in eonjunetion with a good scarlet such as King Humbert. A robust grower, forming sturdy, shapely plants quickly.

King Midas. 5 feet. A rieh deep gamboge yellow, unadulterated and remarkably permanent. Extra free-bloom, just nieely clearing the leaves in bulky self-eleaning trusses. A good deep yellow variety.

Mrs. Alfred Conard. 4 feet. Flowers salmon-pink of large size on finely shaped flower heads.

Mrs. Pierre S. du Pont. 4 feet. The color, a vivid watermelon-pink, is exceedingly rich and attractive. Although the single flowers are very large and form an immense head, eaeh petal is so firm that the blooms always open perfeetly and do not wilt in the summer sun. The flower stems are strong and upright holding the heads well above the healthy, green foliage. Priec, first size, eaeh, $1.50.

Mohawk. 5 feet. Bronze foliage. Flowers large, of a brilliant poppy-red, toning to earmine, with full elean flower spikes.

Rosea Gigantea. 3 to 4 feet. A magnifieent showy Canna of a rose to earmine-pink shade. Flower heads of immense size.

***Statue of Liberty.** 6 feet. An extremely vigorous grower with bronze foliage and large orange-searlet flowers.

Price, except where noted, first size, eaeh, 35e; doz., $3.00; 100, $18.00. Second size, eaeh, 45c; doz., $4.00; 100, $22.00.

SPECIAL OFFER No. 102A. One eaeh of above 12 varieties, postpaid for $5.00.

PRESIDENT

Vaughan's Standard Varieties

Beaute Poitevine. 3½ feet. Crimson flowers and a free-bloomer.

Chas. Henderson. 4 feet. Crimson flowers. Good bedder and strong grower.

David Harum. 3½ feet. Dark bronze foliage. Strong grower and one of the freest-blooming Cannas we have.

***Indiana.** 6 feet. Rich golden orange flowers often seven inches across.

Florence Vaughan. 5 feet. The most famous yellow Canna. Introduced by us in 1892, it still remains indispensable in its elass.

Karl Merek. 4 feet. Flower a pure yellow with tinge of orange and fleeked with pink dashes, beeoming red in throat. Large flowers and truss.

***Louisiana.** 6 feet. Very large beautiful vivid searlet orchid-like flowers, often measuring 5 to 6 inches across. Foliage a glossy green.

Mad. Crozy. 4 feet. Vermilion-red, with golden yellow border.

Orange Bedder. 4 feet. Green foliage. Bright orange with just enough searlet suffusion to intensify the dazzling mass of color. A very free-bloomer.

Queen Charlotte. 4 feet. Rich orange-scarlet with a broad gilt edge.

Souv. de A. Crozy. 4 feet. The flowers are scarlet-crimson with yellow edge.

Venus. 3½ feet. A soft rosy pink with a pretty mottled border of creamy yellow.

***Wintzer's Colossal.** 5 feet. A striking vivid searlet that retains its brilliancy. One of the largest flowering of all, producing immense trusses.

***Wyoming.** 5 to 6 feet. Bronze foliage. Flowers a beautiful shade of orange.

Price, first size, eaeh, 25e; doz., $2.00; 100, $15.00. Second size, each, 35c; doz., $3.00; 100, $18.00.

SPECIAL OFFER No. 102B. Any five of the above Cannas postpaid for $1.00.

SPECIAL OFFER No. 102C. Any twelve of the above Cannas postpaid for $2.00.

All Cannas marked (*) are Orchid Flowering Varieties.

Number of Cannas required for round beds planted eighteen inches apart each way for the following sizes: Seven feet—nineteen plants, one for center; six for first row, twelve for second or outside row. Ten feet—thirty-seven plants, one for center; six for first row, twelve for second row, eighteen for third or outside row. Thirteen feet—sixty-one plants, one for eenter; six for first row, twelve for second row, eighteen for third row, twenty-four for fourth or outside row.

Deweese, Nebr., April 23, 1926.

Vaughan's Seed Store, Chieago.

The nursery stock ordered of you has been received in good condition and I want to thank you for the splendid, well-rooted plants you sent.

(REV.) FRANCIS W. CADEK.

Vaughan's Hardy Climbing Vines

Flower lovers and gardeners know how indispensable are Vines and Climbers for beautifying one's place, especially near the house. Plant Clematis, Climbing Roses and Honeysuckles about the front porches with perhaps a vine or two of the Chinese Wisteria to climb as high as the roof. Stone or brick walls are always prettier when ivy-clad. Then going around to the rear of the house, if you have a trellis to cover, or want a screen for certain buildings, get more Honeysuckle and if you need something to cover a large space quickly, try the Kudzu vine; the Trumpet Creeper is also good. The following are the best climbers for arbors, arches, trellises, porches, etc. Remember how pretty an arbor can be. Even grapevines make a good covering.

WISTERIA

AKEBIA QUINATA

A beautiful hardy Japanese vine, with unique foliage and chocolate-purple flowers of delightful fragrance in large clusters. The foliage is never attacked by insects, and is distinctly ornamental. Prefers a sunny situation. 2-yr., 85c.

AMPELOPSIS

Engelmannii (Engelman's Ivy). One of the hardiest, best and quickest growing climbers for the North and Northwest. Quite similar to the Virginia Creeper, but vastly superior to it, the foliage being cleaner, of greater substance and not turning yellow during the early fall, and almost perfectly free from insects. Leaves color beautifully in the fall. 2-yr., 50c; per 10, $3.50; 3-yr., 60c; per 10, $4.00.

Heterophylla (Porcelain Ampelopsis). A handsome and refined climbing plant for use where a quick-growing, densely covered vine is desired. It is attractive all summer because of its ornamental, heart-shaped leaves, prettily incised, but is charming in autumn when its crop of berries turn a bright turquois blue. 3-yr., 75c; per 10, $6.00.

Quinquefolia (Virginia Creeper or Woodbine). Luxuriant in growth, with handsome foliage turning to bright crimson in the fall. Very hardy vine for covering old tree trunks, walls or fences. 3-yr., 50c; per 10, $3.50; 3-yr., 60c; per 10, $4.00.

AMPELOPSIS VEITCHII (Boston Ivy)

The grandest hardy climbing vine in existence for covering houses, churches, schools, etc. Its glossy, ivy leaves overlap each other, and its long, delicate young shoots stretch up the walls with free and rapid growth. The tendrils at nearly every point cling firmly to the smoothest surface of rock or brick. 2-yr., 75c; per 10, $6.00.

ARISTOLOCHIA (Dutchman's Pipe)

A vigorous and rapid-growing climber, bearing striking brownish colored flowers, resembling a miniature pipe in shape. Leaves are heart-shaped, light green, and produce a splendid shade.

Sipho (Large-leaved Dutchman's Pipe). 2-yr., $1.25.

BIGNONIA RADICANS (Trumpet Vine)

A robust tall climber with great leathery trumpet-shaped flowers of brilliant orange-scarlet which last a long time in the summer. A very rapid and hardy grower. Useful for covering unsightly places, stumps, or wherever a showy flowering vine is desired. 2-yr., 50c.

CLEMATIS PANICULATA

CELASTRUS (Bittersweet)

Celastrus Articulatus (Japanese Bittersweet). Vigorous climber with almost round, bright green leaves, and orange-yellow capsules in the fall. This variety fruits earlier and more freely than C. Scandens, and is one of the best vines to be had for a porch. Strong vines, 2-yr., 75c.

Celastrus Scandens (Climbing Bittersweet). A native climbing or twining plant with handsome large leaves; yellow flowers in May and June and clusters of ornamental orange-capsuled fruit in autumn. One of the most desirable climbers for shade. Strong 2-yr. vines, each, 75c.

CLEMATIS

CLEMATIS JAPANESE (Clematis Paniculata)

The finest small-flowered Clematis extant. A wonderfully rapid grower, quickly covering trellises, arbors, etc. The flowers are pure white, deliciously fragrant and produced with the greatest freedom. It flowers in September when few other vines are in bloom. Easiest to grow and most popular of all the small-flowered vines. 2-yr., 60c; 3-yr., 70c; 4-yr., 80c; pot-grown, $100.

LARGE-FLOWERING CLEMATIS

The Large-Flowered Clematis are the most beautiful of all our flowering vines. They need rich, deep soil, perfect drainage, abundance of water and should be planted with the crowns three inches beneath the surface of the soil.

Henryi. Strong grower, flowers always eight-petaled, 4 to 6 inches in diameter and pure white. Very hardy. 2-yr., $1.00.

Jackmanii. This variety, with its strong, healthy growth, hardy nature and rich, deep velvety-purple flowers, is the most satisfactory of its class. Blooms with astonishing profusion on shoots of the present season; should be pruned early in spring. 2-yr., $1.25.

Mad. Edward Andre. Flowers large, of a very beautiful bright velvety red, very free-flowering, and continuous bloomer. 2-yr., $1.00.

Gold Medal Collection. One 2-year old root, each, Jackmanii, Henryi and Mad. Edward Andre, $3.00.

Can supply Large-Flowering Clematis in pot-grown plants after May 1st.

VARIOUS SPECIES OF CLEMATIS

Cocinnea. Bell-shaped flowers, bright coral-red; blooms from June until frost. Each, 75c. Pot-grown after May 1st.

Crispa. Fine deep blue, with a white border and deliciously fragrant. Each, 75c. Pot-grown after May 1st.

HONEYSUCKLES (Lonicera)

We cannot speak too highly of this class, for covering arbors, fences, pergolas, verandas, etc. They are the best vines for ground planting under trees, and if used on terraces or embankments will prevent washing. Railroads are using them very extensively for this purpose. All are perfectly hardy and improve in beauty each year.

Heckrotti. Remarkable for large size and distinct appearance of its flowers, dark rich red and creamy yellow in color. Blooms continually the whole season. 2-yr., 75c.

Sempervirens (Trumpet Honeysuckle). Fuchsia-like scarlet flowers, very free and beautiful. 2-yr., 60c.

HALL'S JAPANESE HONEYSUCKLE (Lonicera Halliana)

This is one of the finest of all vines that one can plant. It is attractive and thrives in practically all situations. Splendid on trellises, arches, porches, or for covering fences, poles or old dead or ugly tree trunks. It is a strong, vigorous almost evergreen sort, with pure white flowers, changing to yellow. Very fragrant, and covered with flowers from July to October; holds its leaves till January. The best bloom of all. 2-yr., 60c; 3-yr., 75c. Pot-grown, ready May 1st, 75c.

KUDZU VINE (Pueraria Thunbergiana)

or Jack-and-the-Bean-Stalk Vine

The most remarkable climber extant. In rich soil will grow 70 feet in one season. Starts into growth slowly, but after three or four weeks grows almost beyond belief. Leaves in shape like Lima Bean; dark green; texture, soft and woolly. Fine for porches, arbors, old trees, etc. Strong roots, each, 50c.

MATRIMONY VINE (Lycium)

Well known, hardy, fast-growing vine; handsome when covered with scarlet fruit in autumn. Commonly used as a trailer, and for a ground cover under trees and on terraces or any kind of steep slopes to hold the soil in place. Strong, 2-yr., each, 60c.

POLYGONUM (Silver Lace Vine)

The plant is of strong, vigorous growth, attaining a height of 25 feet or more, producing through the summer and fall great foamy sprays of white flowers that turn rose-colored as they begin to fade, and the combination of white and rose makes an exceedingly pretty picture. This vine does well in the East, in the Middle West and the West. 2-yr., $1.25. Pot-grown after May 1st.

WISTERIA

Magnifica (American Purple Wisteria). A strong, rapid-growing vine with light-green compound foliage of an evergreen nature and purple-lilac, pea-shaped flowers, borne in very dense, long, pendulous racemes in advance of the opening of the foliage. 2-yr., extra strong, 75c; 3-yr., 85c.

Sinensis Purple (Chinese Wisteria). A very strong growing vine that climbs high and twines tightly. Blooms very profusely early in summer; flower sky-blue in long, pendulous clusters. The plants we offer are grafts propagated from blooming wood. 2-yr., $1.00.

Sinensis Alba (White Chinese Wisteria). Same as the Sinensis Purple except that the flowers are pure white. 2-yr., $1.00.

Vaughan's Nursery Catalog

LISTING and illustrating the most popular and meritorious ornamental shrubs, shade trees, small fruits, fruit trees, vines, and also giving a complete list of bedding plants, house plants and cannas, will be sent free on request. We sell to consumers at one profit, and our prices are much lower than those you will pay to salesmen. Our nurseries are in Western Springs, Ill., eighteen miles west of Chicago on the C., B. & Q. Railroad. The grounds are on Wolf road, two blocks south of West Forty-seventh street.

Vaughan's Alfalfa, Clovers, Legumes

Market Fluctuates—These prices hold until FEBRUARY 15 only. Write for prices and samples. Samples given free with tests of purity and germination, to prospective buyers.

Threshing Grain with our own thresher so as to insure against all possibility of mixture. Photo taken during harvest season at the Vaughan Farm, Ovid, Mich.

Alfalfa

NO CROP PAYS SO CONTINUOUSLY AND NONE MORE ABUNDANTLY THAN ALFALFA. The unfailing market demand for Alfalfa Hay, its value for all stock, especially dairy cattle, its certainty of fair return during dry seasons are its strong points. The majority of growers agree on the following essentials for success:

I. A well drained soil. "Wet feet" kills alfalfa.
II. Well prepared land—free of weeds by constant cultivation after plowing to seeding time.
III. Drill seed if possible or cover by dragging.
IV. Inoculate land by one-half wagon load of soil from old alfalfa field or soil at roots of wild sweet clover or use Nitragin (see below).
V. If practical, lime the soil before planting.
VI. Use acclimated seed—**Northern grown seed** if for Northern localities.
VII. In the Central States sow June to Middle of July. In spring sowing with grains, barley is the most successful nurse crop.

GRIMM ALFALFA. The strain that leads all others in adaptability and hardiness. We offer genuine Grimm Alfalfa from two sources:

Certified Idaho Grimm, which comes from fields that are inspected and certified by the state. The seed is bagged and sealed under state supervision, then recleaned and again sealed by the state before shipping. Prices: Lb., 60c (by mail, 65c); 5 lbs., $2.55; 10 lbs., $4.90; bu., $27.50; 100 lbs., $45.00. Bags 40c each extra.

Genuine Montana Grimm Alfalfa, certified by grower's affidavit. Price: Lb., 60c (by mail, 65c); 5 lbs., $2.55; 10 lbs., $4.90; bu., $27.50; 100 lbs., $45.00. Bags 40c each extra.

DAKOTA GROWN DRY LAND ALFALFA. Now considered the hardiest of all strains of common Alfalfa. It is of strong vitality and great productiveness. Lb., 40c (by mail, 45c); 5 lbs., $1.75; 10 lbs., $3.30; bu., $17.90; 100 lbs., $29.00. Bags 40c each extra.

MONTANA GROWN ALFALFA. A very hardy strain of Alfalfa considered practically the equal of the Dakota seed. Lb., 40c (by mail, 45c); 5 lbs., $1.75; 10 lbs., $3.35; bu., $18.20; 100 lbs., $29.50. Bags 40c each extra.

NORTHWESTERN-IDAHO GROWN ALFALFA. This seed is from the intermountain section and for use in the moderately cold sections. Very fine quality. Price: Lb., 40c (by mail, 45c); 5 lbs., $1.60; 10 lbs., $3.00; bu., $16.10; 100 lbs., $26.00. Bags 40c each extra.

KANSAS GROWN FANCY SEED. Prices: Lb., 40c (by mail, 45c); 5 lbs., $1.55; 10 lbs., $2.90; bu., $15.50; 100 lbs., $25.00. Grain bags holding about 150 lbs., 40c each extra.

CANADIAN VARIEGATED SEED. Hardy Canadian grown seed—by many considered as good as Grimm. Prices: Lb., 45c (by mail, 50c); 5 lbs., $1.85; 10 lbs., $3.50; bu., $19.10; 100 lbs., $31.00. Bags 40c each extra.

ALSIKE CLOVER

Thrives well on damp soils where Red Clover does not catch. A very heavy yielder and seed goes farther than that of Red Clover. Sown alone, 5 or 6 lbs. per acre in spring. Lb., 55c (by mail, 60c); 5 lbs., $2.30; 10 lbs., $4.45; bu., $24.85; 100 lbs., $40.50. Grain bags 40c each extra.

TIMOTHY

(PHLEUM PRATENSE)—The most popular of all hay grasses. A stand is easily secured and growth is very rapid. An especially valuable feature of Timothy is its hardiness and its ability to withstand both heat and cold. Timothy sown alone is "hard" on the soil and should be followed with a dressing of manure. This disadvantage is generally overcome by sowing either medium Red Clover or Alsike Clover with the Timothy as the clover restores to the soil the nitrogen removed by the Timothy. Timothy demands good, rich, rather heavy land. Sow 15 to 20 lbs. per acre, alone; with clover: Timothy, 12 lbs.; Red Clover 3 lbs.

Vaughan's Fancy seed (99.5% pure or better). 1 lb., 25c (by mail, 30c); 5 lbs., 75c; 10 lbs., $1.35; bu., $4.95; 100 lbs., $9.50. Bags 40c each extra.

RED CLOVER

MEDIUM RED CLOVER. We call your attention to the fact that our seed is American grown seed. We do not handle imported clover. **Fancy,** Lb., 60c (by mail, 65c); 5 lbs., $2.65; 10 lbs., $5.50; bu., $28.70; 100 lbs., $47.00. Grain bags 40c each extra.

MAMMOTH RED CLOVER. A larger, heavier growth than Medium Red, but coarser as hay. Flowers later, is hardier and not so liable to winter kill as Medium Red. **Fancy seed.** Lb., 65c (by mail, 70c); 5 lbs., $2.75; 10 lbs., $5.30; bu., $29.90; 100 lbs., $49.00. Grain bags 40c each extra.

CRIMSON CLOVER

Erect growing annual with long pointed flower heads. Grown in East and South for green manure crop. Heavy crop of excellent feed but must be cut in full bloom to obtain full value of the nutriment. Sow in August or September, 15 lbs. per acre. Lb., 30c (by mail, 35c); 5 lbs., $1.15; 10 lbs., $2.10; bu., $10.70; 100 lbs., $17.00. Grain bags 40c each extra.

SWEET CLOVER

WHITE BLOSSOM—BIENNIAL. On wornout or poor soils anywhere and on good farm lands in dry sections, no other soil-renovating plant produces as good results. Resistant to extreme heat and cold. Stock will acquire taste and as feed it ranks close to Alfalfa. Cut before getting too large, makes good hay. Sow in spring or fall. Our seed is scarified. Lb., 30c (by mail, 35c); 5 lbs., $1.15; 10 lbs., $2.15; bu., $11.00; 100 lbs., $17.50. Grain bags 40c each extra.

GRUNDY COUNTY SWEET CLOVER. An extra early type of the common White Blossom, biennial; finer and leafier and easier to handle—more like Alfalfa. Well worth trying. Lb., 35c (by mail, 40c); 5 lbs., $1.20; 10 lbs., $2.25; bu., $11.60; 100 lbs., $18.50. Bags 40c each extra.

HUBAM—Annual White Blossom Sweet Clover. An important introduction. May be sown in early spring on winter wheat or rye or with spring-sown small grain, preferably with early varieties. After the oats are cut the Hubam, even after being topped a little, comes in rapidly, producing good crop of hay or seed. As a catch crop it is valuable sown alone any time in spring up to July. Wonderful for bees. Lb., 50c (by mail, 55c); 5 lbs., $2.00; 10 lbs., $3.85; bu., $21.20, 100 lbs., $34.50. Grain bags 40c each extra.

WHITE CLOVER

Extremely valuable for permanent grass mixtures. Will stand more grazing than any other clover. Growth too short for hay. Used on lawns. Sow in fall or spring, 4 to 8 lbs. per acre. Extra Fancy. Lb., 75c (by mail, 80c); 5 lbs., $3.60; 10 lbs., $6.90; bu., $36.90; 100 lbs., $60.00. Grain bags 40c each extra.

SOY BEANS

An ideal crop for turning under to improve wornout soils. As a fodder crop it should be fed with corn in proportion of one part Beans to five of Corn so as to keep protein content correct. Should be cut for hay before the stems become too woody, or the nutritive value of the feed will be endangered. For latitudes north of Chicago we would advise using Northern grown seed. Seed should be sown in June at the rate of 30 to 45 lbs. per acre and in drills 30 inches apart. All soy bean bags free.

ITO SAN (Medium Early Yellow). Michigan grown. Peck, $1.25; bu., $4.00; 100 lbs., $6.50.

MANCHU. Michigan grown. Peck, $1.20; bu., $3.85; 100 lbs., $6.25.

MAMMOTH YELLOW. Southern grown seed. Peck, $1.20; bu., $3.75; 100 lbs., $6.00.

VETCH

WINTER, SAND or HAIRY VETCH (Vicia Villosa). The winter cover crop. A hardy legume sown in Northern States in the fall months, growing well that season and remaining green all winter. It is for the North what Crimson Clover is for the South. As a winter cover crop it prevents washing or leaching of soil and at the same time being a nitrogen gatherer, enriches the soil; also very valuable for hay or pasture. Drill for cover crop 10 to 12 lbs. per acre. For hay use one bushel per acre. Domestic seed, Michigan grown. Lb., 35c (by mail, 40c); 5 lbs., $1.15; 10 lbs. $2.15; bu., $11.00; 100 lbs., $17.50. Grain bags 40c each extra.

CANADA FIELD PEAS

CANADA FIELD PEAS. Valuable in Northern States for soiling and feed. Sown with oats all stock eat the hay greedily and thrive. Sow broadcast, 2 bushels per acre—if sown with oats use a bushel with 1½ bushels oats. Lb., 20c; 5 lbs., 65c; 10 lbs., $1.15; bu., $5.00; 100 lbs., $7.50; 1000 lbs., $72.00. Bags included.

LENTILS

LENTILS. A leguminous annual. Sow about 60 lbs. per acre. Lb., 30c (by mail, 35c); 5 lbs., $1.20; 10 lbs., $2.30.

PEANUTS

Peanuts as a garden crop are being cultivated farther North each year and will be an interesting addition for the children. Peanuts will succeed wherever the season is four months free of frost. Plant 6 to 8 inches apart in rows 2½ or 3 feet apart. Peanuts should be cultivated until they begin to form pods. They must be pulled before frost and allowed to cure in the sun.

SPANISH. Earliest variety, maturing in about 100 days and very sweet and fine flavored. Pkt., 10c; lb., 35c; 5 lbs., $1.20; 10 lbs., $1.90.

MAMMOTH VIRGINIA. Somewhat later than the Spanish—with large kernels. Pkt., 10c; lb., 40c; 5 lbs., $1.40; 10 lbs., $2.30.

FARM-O-GERM

Is a standard brand of the jelly legume cultures made by the Earp-Thomas Corporation, one of the oldest manufacturers in this line. It is particularly valuable, as it retains its life longer than other cultures due to a patented stopper. We can supply cultures for all various legumes—alfalfa, clover, cow peas, soy beans, sweet peas, etc. For small seed, clover, etc., ¼ bu., 35c; ½ bu., 60c; bu., $1.00; 2½ bu., $2.25. For large seed, soy beans, etc., ½ bu., 35c; bu., 60c; 5 bu., $2.25. Garden size for beans, peas, sweet peas, 25c; stimulant trial size, 15c; small, 25c; medium, 55c; pail of 1000 tablets, $3.50.

NITRAGIN—Pure Culture

THE IMPROVED GERMAN SOIL INOCULATOR NOBBE-HILTNER PROCESS
NITRAGIN
PURE CULTURE
THE SIMPLEST SAFEST AND SUREST SYSTEM OF SOIL INOCULATION FOR ALL LEGUMES
AWARDED GOLD MEDAL ST. LOUIS 1909

Time, money and effort are wasted trying to grow legumes without inoculation.

A legume inoculating material manufactured under a late German (Noble-Hiltner) Process. We believe this the best of the many Nitrogen Bacteria Cultures. "Nitragin Pure Culture" is put up in round tin cans, in three sizes—**garden, one-half bushel and one bushel.** Full directions for use with each can. We can offer cultures for all the different legumes, including Alfalfa, Clover, Cow Peas, Soja Beans, Vetches, etc.

For Peas and Beans—Garden size, 20c.
For Alfalfa Clovers, Peas and Beans. ¼ bu., 30c; ½ bu., 45c; 1 bu., 70c; 5 bu., $3.35.
For Soy Beans and Cow Peas. ½ bu., 30c; 1 bu., 50c; 5 bu., $1.75.

A Crop of Swedish Select Oats. Photographed on our Michigan Farm at Ovid, Michigan.

Vaughan's Tested Farm Seeds

Our farm seeds are grown by ourselves or purchased from most reliable sources. They are recleaned and tested for purity and germination. Free samples will be sent to intending purchasers upon request.

Prices.—Market prices on field seeds are changing constantly and these prices are good to February 15th only. Write for quantity prices.

OATS

Oats this year are more or less stained by the rains but are of good quality and high test.

VICTORY OATS. American grown seed of imported Swedish stock. Like Swedish Select in season. Grain is of medium size. White, broad, and nearly beardless. The straw is very stiff and firm. A very heavy yielder. Price: Peck, 50c; bu., $1.35; 2½ bu. at $1.25 per bu.; 10 bu. at $1.20 per bu. Bags extra, 20c each.

VAUGHAN'S SWEDISH SELECT OATS. The most largely planted of all varieties in the Northern Central States. The oat is pure white in color; the hull thin and the kernel large and plump; straw is stiff and short; good drought resister. Medium early and earliest of heavy yielding sorts. Price: Peck, 50c; bu., $1.35; 2½ bu. at $1.25 per bu; 10 bu. at $1.20 per bu. Bag extra, 20c each.

WHITE CROSS OATS (New) (Wisconsin Pedigree No. 19). A new oat and stock is limited. It has all the fine qualities of States Pride, but outyields that oat. In addition it has a larger kernel and is white instead of yellow. Its tall straw is an advantage in localities where oat straw is short. Price: Peck, 50c; bu., $1.40; 2½ bu. at $1.30 per bu.; 10 bu. at $1.25 per bu. Bags extra, 20c each.

WHITE KHERSON OATS (Iowa 103). The best variety on rich heavy soils and produces crop before extreme heat. There is little loss from lodging even in most favorable season because of its short straw. It is a white seeded selection of the Yellow Kherson. Extra early in season. Price: Peck, 50c; bu., $1.35; 2½ bu. at $1.25 per bu.; 10 bu. at $1.20 per bu. Bags extra, 20c each.

STATES PRIDE OATS (Wisc. Pedigree No. 7). Most popular oat in Wisconsin. Extremely early; yields heavily; a shiny, yellow oat, small but heavy, with a very thin hull, and exceptional feeding value. The straw is short and stiff. A very hardy and resistant variety. Adapted to any soil. Price: Peck, 55c; bu., $1.50; 2½ bu. at $1.40 per bu.; 10 bu. at $1.35 per bu. Bags extra, 20c each.

RYE

SPRING RYE, A Very Good Catch Crop. As it may be sown later than most grains and well worth considering. Produces 30 to 40 bushels per acre. Sow about 1½ bu. per acre. Price: Peck, $1.00; bu., $2.90; 2 bu. at $2.80 per bu.; 10 bu. at $2.75 per bu. Bags extra; 40c each.

WINTER RYE, Rosen. Peck, 90; bu., $2.55; 2 bu at $2.45 per bu.; 10 bu. at $2.40 per bu. Bags extra, 40c each.

BUCKWHEAT

Sow between June 10th and July 10th—one bushel to the acre. On worn out soils a plowed-under buckwheat crop is a good fertilizer and improver.

JAPANESE. About a week earlier than Silver Hull and heavy yielding. Price: Peck, 60c; bu., $1.80; 100 lbs., $3.65. Bags, price, 40c each extra.

SILVER HULL. Very prolific and early and a favorite because of the white flour it produces. Price: Peck, 55c; bu., $1.70; 100 lbs., $3.45. Grain bags 40c each extra.

MILLETS

COMMON. Price: Bu., $3.25; 100 lbs., $5.50. Bags 40c each extra.

HUNGARIAN. Heavy growth of excellent hay. Can be sown as late as July. Price: Bu., $3.60; 100 lbs., $6.50. Grain bags 40c each extra.

GERMAN. On good land it produces a large crop of hay forage during the summer months and leaves ground in fine condition for wheat. It is the most popular millet. Not quite so early as the common. We offer only the fanciest Tennessee grown seed, which runs truer to type than the Southwestern grown seed. Price: Bu., $3.35; 100 lbs., $5.75. Bags 40c each extra.

WHITE WONDER. This millet stands out because of its earliness, its very heavy yield of grain and fodder and its very vigorous growth—surpasses all others on these points and is as hardy as any of them. Growing in popularity. Price: Bu., $3.35; 100 lbs., $5.75. Grain bags 40c each extra.

JAPANESE MILLET. Entirely distinct. It grows 6 ft. high and yields 10 tons green fodder per acre. Makes an excellent hay, and a much relished green fodder. Cure as you would a heavy crop of clover. May be sown from middle of May to 1st of July, if broadcast, 15 lbs. to acre, but it is better to sow in rows 12 or 18 inches apart, using 10 to 12 lbs. per acre, and cultivate until 15 inches high, when its rapid growth will smother all weeds. Price: 10 lbs., $1.10; 50 lbs., $4.00; 100 lbs., $7.00. Bags 40c each extra.

WHEAT—SPRING

MARQUIS. A cross between Red Fife and acclimated Hard Red Calcutta wheat. It is earlier than Red Fife or any other spring wheat and outyields other varieties. It is the preferred wheat in the Northwest spring wheat district. Marquis is a hard red spring wheat with thick plump grain almost invariably grading No. 1. It is a beardless wheat with strong straw. **Write for quantity prices.** Price: Peck, $1.10; bu., $3.50; 2 bu. at $3.40 per bu.; 10 bu. at $3.35 per bu. Bags extra, 40c each.

MACARONI or DURUM. We have true and carefully selected stock. Very good in dry districts and very resistant to extremes of weather. Price: Peck, $1.10; bu., $3.50; 2 bu. at $3.40 per bu.; 10 bu. at $3.35 per bu. Bags extra, 40c each.

GERMAN MILLET

BARLEY

WISCONSIN PEDIGREE BARLEY. This is by far the best six-rowed variety of barley and the only one worth considering. It has been developed from the famous Oderbrucker strain and is tall growing with plump grain, very stiff straw and large, well filled heads. This seed is grown on our own farms in Michigan. Price: Peck, 60c; bu., $2.00; 2 bu. at $1.90 per bu.; 10 bu. at $1.85 per bu. Bags extra, 20c each.

WHITE HULLESS BARLEY. Strictly a feeding sort with grain like wheat, almost equal in feeding value, but yield nearly twice as large as wheat. Heavy straw, good leaves and cut green makes good hay. This variety never runs entirely true to type. Price: Peck, 90c; bu., $3.35; 2 bu. at $3.25 per bu.; 10 bu., at $3.20. per. bu. Bags extra, 20c each.

FLAX SEED. Resistant variety. Fancy recleaned seed. Dakota grown. Peck, $1.55; bu., $4.55. Bags extra: 40c each.

SPRING EMMER (Incorrectly called "Speltz"). A grain especially suited to dry lands. Being semi-hardy it can be sown very early in spring like oats. Emmer grows best in dry prairie regions with hot summers; also succeeds on poor soil. Better drought and rust resister than oats or barley and yields better. Feeding value is high. Sow 2½ bu. to acre. Lb., 20c (by mail, 25c); 50 lbs., $2.50; $4.00 per 100 lbs. Bags 40c each extra.

DWARF ESSEX RAPE. A good feed for pigs and cattle and ideal for sheep. It is easily grown perfectly and possesses remarkable fattening properties. The plant is a rank grower and should have heavy manuring as well as light cultivation. Any corn soil will grow rape. Sow seed by end of June and crop can be ready to feed at a season when it is most needed. If soil is rich and clean, sow broadcast; if not, sow in drills and cultivate as for corn. When broadcasted use 5 lbs. to 10 lbs. and if in drills or with spring grain, 2 lbs. to the acre. Holland grown (Winter sowing rape). Lb., 25c; 5 lbs., 75c.; 10 lbs., $1.30; 100 lbs., $9.00. Jute bag included.

SUNFLOWER—MAMMOTH (Russian). Standard crop raised for the seed which is used in Poultry and Parrot feeds. Fancy domestic seed suitable for sowing. Sow about 8 lbs. to acre. Oz., 5c; lb., 20c (by mail, 25c); 5 lbs., 90c; 10 lbs., $1.55; 100 lbs., $11.00. Bags included.

USPULUN

A Universal Seed Disinfectant—For the control of both closed and loose smut and barley stripe disease; also prevents soil decay of seed and seedling blight on corn and other seeds. The vigor of the plants is increased. Price: 2 oz. tins, 50c; 8 oz. tins, $1.60; 1 lb. tins, $2.75; 5 lb. tins, $13.00. Use—1 oz. material will make 3 gal. of solution, and 1 lb. a 50-gal. barrel.

Miscellaneous Seeds

Vaughan's Tree Seeds

Evergreen seeds should be sown very early in spring, in a firm, sandy seed-bed. Give the young seedlings some shade the first summer. Apple, Pear and Locust should be mixed with sand in boxes and exposed to frost.

One pound lots and less include postage; write for prices on large lots.

	Pkt.	Oz.	¼ lb.	Lb.	10 lb.
Apple	$0.10	$0.25	$0.75	$2.50	.....
Arbor Vitae, American	.10	.50	1.60	6.00	.....
Birch, White	.10	.25	.75	2.50	.....
Box Elder	.10	.15	.40	1.20	$10.00
Catalpa Speciosa	.10	.20	.60	2.00	.....
Locust, Honey	.10	.15	.40	1.10	.....
Locust, Black or Yellow	.10	.15	.40	1.25	.....
Maple, Oregon, Mammoth	.10	.25	.70	2.25	.....
Mulberry, Russian	.10	.40	1.35	5.00	.....
Osage Orange	.10	.20	.60	2.00	.....
Pear, French	.10	.40	1.35	5.00	.....
Pine, Scotch	.10	.40	1.35	5.00	.....
Spruce, Norway	.10	.35	1.25	4.00	.....

Tobacco Seed

Packet, any of the following, each, 10c

	Per Oz.	¼ lb.	Lb.
Comstock's Spanish. Wisconsin Favorite	$0.50	$1.65	$6.00
Primus. Yields big crops, fine quality	.45	1.40	5.00
Harby. Turkish, stands heat, drought	.45	1.40	5.00
Brazilian-American Brazilian strain	.50	1.65	6.00
Big Havana. A hybrid Havana	.50	1.65	6.00
General Grant. Leaves 44 inches long, matures crop early. Ideal for cigars	.50	1.65	6.00
Connecticut Seed Leaf. Best adapted to climate of Middle and Northern States	.50	1.65	6.00
Big Oronoko. Has no equal for strips and dark wrappers	.45	1.40	5.00
White Burley. The popular Kentucky sort	.45	1.40	5.00

Bird Seed

BLUE MAW (Poppy). Per lb., 40c; 5 lbs., $1.75

CANARY SEED. Lb., 20c; 5 lbs., 90c; 10 lbs., $1.60

HEMP. Per lb., 18c; 5 lbs., 70c; 10 lbs., $1.20.

LETTUCE SEED FOR BIRDS. Per ¼ lb., 10c; lb., 25c; 5 lbs., $1.00.

MILLET, Fancy Re-cleaned. Per lb., 15c; 5 lbs., 60c; 10 lbs., $1.00.

BIRD RAPE (Not Dwarf Essex). Per lb., 20c; 5 lbs., 90c; 10 lbs., $1.60.

SUNFLOWER SEED (Extra clean for birds). Price, per lb., 20c; 5 lbs., 80c; 10 lbs., $1.35.

Vaughan's Pedigreed Seed Corn

PLANT corn suited to your locality. Seed corn produces best results when planted under similar climatic and soil conditions under which it was originally raised. We state plainly where each variety was grown.

Our seed corn is grown by expert growers in the localities where each variety is at its best. Short or medium crop seeds all grown in the North, while main crop sorts are grown in sections where they reach their full maturity and development. The science of corn breeding develops more every year, and our seed is grown by men informed on the newest and most successful methods of breeding.

Several of the early varieties of corn are grown on our own farms in Michigan under the supervision of an expert plant breeder.

The corn is field sorted, put in crates, and then racked, each ear separately to insure even drying. In years when moisture content is too great, artificial heat is used to put the corn in perfect condition.

Our seed is all carefully tested.

Early

Madison Yellow Dent Grown by us on our Central Michigan farm. For the vicinity of Chicago, Northwestern Indiana, Wisconsin and Michigan, this, we believe, is the best corn ever introduced. It matures in 100 to 106 days of ordinary corn growing weather, and is a magnificent yielder. The ears are a little smaller than Reid's Yellow Dent, but resemble that sort otherwise; they are 8½ inches long, and have 16 rows of deep set kernels arranged close together in even rows, but with space enough to permit drying, a very essential point in Northern corn. Our strain is grown on the Vaughan farms in Central Michigan and Northern Illinois, and by contract with expert growers in the same localities under our direct supervision. We have this year a quantity of fire dried corn grown on our Central Michigan Farms showing high germination. Price, ½ pk., $1.15; pk., $2.10; bu., $6.50. Selected, shelled and graded.

Golden Glow—Wisconsin No. 12 Is a fine product of "Minnesota No. 13," crossed with "North Star." It is very early and develops ears of good size, 8 inches in length, slightly tapering. Wisconsin and Minnesota-grown, fire-dried stock. Selected, shelled and graded, ½ pk., $1.15; pk., $2.10; bu., $6.50.

Pride of the North This is the most extensively planted Yellow Dent corn in Northern Illinois and Iowa. It is a standard early, and the seed which we offer is grown in Eastern Nebraska. The type varies, but usually has 16 rows of kernels on a cob, with tapering tip. Nebraska-grown, ½ pk., 65c; pk., $1.10; bu., $3.50.

Minnesota No. 13 This is known also as Wisconsin No. 8, and is a heavy yielding, very early Yellow Dent corn; matures in 90 days of corn-growing weather. This variety grows to a height of 8 feet on good soil and furnishes a great amount of fodder. The ears are 8 inches long, with 16 rows of kernels and taper to tip; the kernels show a good Dent type and are of fair depth. Although not yet as well bred as Madison Dent, it is about 10 days earlier. Michigan-grown. Selected, shelled and graded. ½ pk., $1.10; pk., $2.00; bu., $6.00. Nebraska-grown, shelled and graded, ½ pk., 70c; pk., $1.25; bu., $3.50.

Silver King—or Wisconsin No. 7 This corn, introduced some years ago by Prof. Moore of the Wisconsin experiment station, is gaining in favor with corn growers. The ears have a good cylindrical shape, are about 8 inches long and usually have 16 rows of kernels which are deep set, and just thick enough to permit rapid ripening. This is an excellent corn for Central and Southern Wisconsin. Wisconsin-grown, fire-dried, high germination. Shelled and graded, ½ pk., $1.20; pk., $2.25; bu., $7.00.

Extra Early Flint Corns

Flint Corns are grown in the colder sections of the corn belt as they are earlier than the Dent type. In the central belts they are used for late sowing, as they mature a crop when it is much too late to plant Dent sorts. Equally as good as Dent corns for silage purposes.

LONGFELLOW FLINT—A beautiful cob of rich glossy yellow and very long—10 to 15 inches. The stalks grow to the height of 7 to 7½ feet and the ears are borne about 3 feet from the ground. This is a favorite with chicken raisers in the middle corn belt. Shelled, ½ pk., 75c; pk., $1.25; bu., $4.00.

GIANT LONG FLINT—A tawny, smoky white sort, one of the best for ensilage and fodder because of its suckering habit and breadth of blade. The ears are 12 to 15 inches long, which is an unusual characteristic of this variety; and they are smooth and symmetrical. Stalks bear two to three ears. Shelled, ½ pk., 75c; pk., $1.25; bu., $4.00.

KING PHILLIP—This is an extra early Red Flint sort. The ears are 10 inches long and eight-rowed. On poor land it does much better in yield than most other sorts. One of the very earliest field corns. Shelled, ½ pk., 75c; pk., $1.25; bu., $4.00.

SMUT NOSE FLINT—The great favorite in Michigan. Excellent in Northern Wisconsin. It is a yellow flint blazed with red at each end of ear. The ears are 10 inches long and large around, very vigorous in growth, producing a good amount of fodder. ½ pk, 80c; pk., $1.35; bu., $4.50.

Late

Reid's Yellow Dent Northern grown. Ten days earlier than the Standard Type. This is the highest standard Yellow Dent Corn grown in North Central Illinois. The true type of "Reid's" is at home in the Central Illinois Corn Belt and is unexcelled. We have never dared sell the regular full sized type of "Reid's" north of Kankakee and La Salle Counties. This strain of "Reid's" differs from the standard type only in running slightly smaller and with larger cobs. Can be used in Cook County and westward and is the finest, highest grade yellow corn which can be safely planted this far north. A very fine variety for ensilage planted north of this section. Shelled and graded, ½ pk., $1.00; pk., $1.90; bu., $5.50.

Boone County White The best type of the White Dent for the Central Corn Belt States, such as Champaign, Decatur, Central Illinois and Central Iowa sections. This corn has been bred for large ears and matures rather slowly, requiring about 120 days good corn weather. The ear tapers slightly, length 10 inches, circumference 7½ inches, 16 to 22 rows, medium space between, cob white, medium size. This variety is also known as Johnson County White in Indiana, and is the great white show corn. Our Central Illinois grower, who raises this corn for us, has won many prizes. Pedigreed corn bred by ear to the row method. Shelled and graded, ½ pk., 95c; pk., $1.75; bu., $5.75.

Iowa Silver Mine One of the very best yielding White Dent Corns. Matures in North Central Illinois and in Iowa as far north as Dubuque. Creamy white in color, cylindrical in shape, tapering only a little at the tip, 18 to 20 rows; length 9 inches, circumference 7¼ inches, kernels rough and deep, little space between rows; cob small and white. A fine shelling and high yielding variety. In good corn weather ripens in 110 days. Our seed is grown by one of the most famous Iowa breeders. Nebraska-grown, shelled and graded, ½ pk., 70c; pk., $1.25; bu., $3.75.

Reid's Yellow Dent Standard type, pedigreed seed. The great prize-winning Show Corn brought to Illinois in 1864, from Ohio. For Southern Iowa, Central Illinois (see Northern Grown Reid's for North Central Illinois), Central Indiana, Kansas, Missouri and Nebraska this is the most satisfactory Yellow Dent Corn to grow. We do not recommend this or any other variety on this page for Wisconsin, Michigan or similar latitudes. Fifty years of careful selection has resulted in remarkable evenness in appearance of ears. It is most accurately described as follows: Ear—9 to 10 inches long, 7 inches around, 18 to 24 rows with narrow space between them; deep grains with small cob, well filled at butt and tip. Matures in about 115 days in Central Illinois. We offer a very choice selection of seed from pedigreed stock selected for years, grown in Illinois by one of the best corn breeders in the United States. Shelled and graded, ½ pk., $1.00; pk., $1.80; bu., $5.50.

Leaming Improved Probably planted over a greater area of country than any other sort on account of its great adaptability to various soils and other influences. Ripens in 100 to 110 days under favorable conditions in central corn belts. The ear is tapering, length 10 inches; circumference, 7 inches; wedge-shaped yellow kernels smooth and firm on the cob; 18 to 20 rows, with medium space between; well filled and rounded tips and butts; cob red, of medium size. Used a great deal for ensilage in New York and New England. Our seed is grown from prize stock in the central corn belt. The stalks are very leafy, so that it is one of the best fodder varieties. Nebraska-grown, shelled, ½ pk., 70c; pk., $1.25; bu., $3.75.

Gold Mine A Yellow Dent similar in its general characteristics to the Silver Mine. Ears average about half an inch shorter than Silver Mine and two rows less. The kernels are rough and deep. Cob small. In certain sections of North Central Illinois and Iowa as far north as Cedar Rapids, parts of Kansas and Nebraska—a standard sort. ½ pk., 70c; pk., $1.25; bu., $3.75.

Fodder Corn

Fodder is a paying, necessary crop, especially in dairying. All the different types of corn are planted for fodder. Sweet corn is used in most dairying regions.

SWEET FODDER—Nothing better for summer and fall green feed, or curing for winter. Pk., $1.35; bu., $4.50.

RED COB ENSILAGE or FODDER—Has a deep red cob, strong leafy stalks and short joints. Southern-grown, pk., 85c; bu., $2.50.

VIRGINIA MAMMOTH WHITE HORSE TOOTH—Small stalk, vast quantity foliage, short joints, kernels large and white. Pk., $1.20; bu., $3.75.

Pop Corn—Selected Ears for Seed

All Pop Corn Prices Prepaid on 1 Pound or Less

BLACK BEAUTY (New). An extra early variety which pops very large and is the most tender and crisp of all. Although the kernels are black, it pops a pearly white. Extremely early, ripening so it may be popped the same year as grown, without kiln drying. Pkt., 10c; lb., 40c; 5 lbs., 95c; 10 lbs., $1.50.

QUEEN'S GOLDEN. It pops perfectly white, and a single kernel will expand nearly one inch. Pkt., 10c; lb., 40c; 5 lbs., 95c; 10 lbs., $1.60.

JAPANESE DWARF RICE. Very tender and almost hulless. Ears short and chunky. Heavy yielder. We regard this as the coming commercial variety. Pkt., 10c; lb., 40c; 5 lbs., 90c; 10 lbs., $1.60.

BABY GOLDEN (New). A yellow Dwarf Rice. A wonderful seller on the local market. Same fine hulless quality as the Dwarf Rice. Pkt., 10c; lb., 40c; 5 lbs., $1.00; 10 lbs., $1.75.

Price of both of the following kinds. Pkt., 5c; lb., 35c; 5 lbs., 90c; 10 lbs., $1.50.

WHITE RICE. Most popular, grain pointed, pops white, and full.

MAPLEDALE PROLIFIC. A great yielder, it pops pure white.

Sorghums

VAUGHAN'S EARLY AMBER CANE—The value of Sugar Cane as a green fodder crop is appreciated by the diary farmer. Even fodder corn does not produce so rich and rank a growth of good feed for so little money as sugar cane. A great quantity of feed may be had from a half acre with a small investment for seed. Sow 60 pounds to the acre. Drill 20 lbs. per acre.

Northern Seed, lb., 25c (by mail, 30c); 5 lbs., 70c; 10 lbs., $1.20; 50 lbs., $4.50; 100 lbs., $8.00; bags free.

Southern Seed (for fodder), 1 lb., 20c (by mail 25c); 5 lbs., 60c; 10 lbs., $1.00; 50 lbs., $3.60; 100 lbs., $6.25; bags free.

KAFFIR CORN—One of the best forage plants. Preferred by some to cane. Grows 4 to 5 feet high. For fodder sow 40 lbs. per acre broadcast. Lb., 20c; (by mail, 25c); 5 lbs., 55c; 10 lbs., 95c; 50 lbs., $3.25; 100 lbs., $5.50.

IMPROVED EVERGREEN BROOM CORN—The most popular variety in the Western broom corn growing localities. Brush of good length and handsome appearance and shows almost no red color. Sow 15 lbs. to the acre.

Illinois-Grown, lb., 30c (by mail, 35c); 5 lbs., $1.05; 10 lbs., $1.90; 50 lbs., $8.00; 100 lbs., $15.00; bag free.

OKLAHOMA DWARF BROOM CORN—An extra early sort. Height, 5 feet. Western. Price, lb., 20c (by mail, 25c); 5 lbs., 70c; 10 lbs., $1.25; 50 lbs., $4.75; 100 lbs., $8.50; bags free.

MILO MAIZE—Yellow variety of sorghum, non-saccharine, stalks 8 to 10 feet high. It stands dry weather and makes its crop where corn would fail. Plant in 3-foot rows and cultivate as corn, 3 to 5 lbs. per acre. 5 lbs., 60c; 10 lbs., 95c; 50 lbs., $3.35; 100 lbs., $5.75.

FETERITA—Earliest of the drought resisting sorghums. Outyielded all other sorghums during past dry summer in Kansas. Price, lb., 20c (by mail, 25c); 5 lbs., 60c; 10 lbs., $1.00; 50 lbs., $3.50; 100 lbs. $6.00; bags free.

SUDAN GRASS—Closely related to the cultivated sorghums; of value particularly in the dry Middle West, as a drought-resisting hay crop. In the Eastern and Central Northern sections should be tried as a substitute for millet, as the crop is larger and has better feeding value. Care should be exercised as with cane and other sorghums in turning cattle on to second growth. Price, lb., 25c (by mail, 30c); 5 lbs., 75c; 10 lbs., $1.30; 50 lbs., $4.85; 100 lbs., $3.75; bags free.

Culture of Sudan Grass—Sudan grass may be sown either drilled or broadcast. If planted in rows, the rows should be as close as possible and yet permit of easy cultivation. In 30-inch rows, 3 to 4 pounds of seed per acre is ample, and under conditions of low rainfall this method is recommended. Under irrigation, 18-inch rows are preferable, and 4 to 6 pounds per acre.

Books on Garden Subjects

Prices quoted below include postage, and are subject to change without notice.

Annuals, Little Book of. By Hottes. Cloth; 128 pages.....$1.65
Asparagus Culture. F. M. Hexamer. Illustrated. Cloth; 174 pages.... 1.00
Bulbs and Tuberous Rooted Plants. Allen. Cloth..... 2.10
Bulbs That Bloom in the Spring. By T A. Weston. 144 pages Paper Cover, $1 65; Cloth Cover..... 2.10
Bush Fruit Production. Van Meter. Cloth; 128 pages..... 1.25
Cabbage and Cauliflower. By Allen. Cloth..... 1.00
Celery Manual. Vaughan's. Paper..... .50
Chrysanthemum, The. By Arthur Herrington. Cloth; 160 pages..... 1.00
Climbing Plants, A Little Book Of. By Prof. Alfred C. Hottes. Cloth.. 1.90
Cook Book. Vaughan's Vegetahle. Paper, 30c; cloth..... .60
Cyc'opedia. Bailey's New Standard of Horticulture. 3 Volume. 3639 pages.....20.00
Dahlia Culture, Little Book of Modern. By W. H. Waite. 126 pages. Cloth..... 1.65
Design of Small Properties. By Bottomley. Illustrated. 233 pp.... 3.10
Farm and Garden Rule-Book. Bailey. Very useful for fruit growers, truck gardeners, farmers, florists, etc. Cloth; 587 pages..... 3.10
Fertilizers. By Prof. E. B. Vorhees. Cloth; 335 pages..... 2.60
Floriculture. Practical. Henderson. Cloth; 320 pages..... 2.10
Floriculture, Commercial. By Fritz Bahrs..... 5.00
Flowers, Messages of; Or Their Floral Code. Cloth; with colored illustrations..... 1.10
Fruit Growing, The Principles of. L. H. Bailey. Cloth; 514 pages.... 2.60
Fruits, American. Samuel Fraser. Complete and practical..... 4.85
Fruits for the Home Grounds. Paper; 56 pages..... .25
Gardening for Pleasure. Henderson. Cloth; 398 pages..... 2.10
Gardening for Profit. By Peter Henderson. 376 pages..... 2.10
Gardener, The. By L. H. Bailey. 260 pages..... 2.10
Gladiolus Book, The. See bottom of next column..... 1.50
Greenhouse Construction. L. R. Taft. Illustrated. Cloth; 208 pages.. 2.35
Greenhouse Management. L. R. Taft. Illustrated. Cloth; 375 pages.. 2.35
Home Vegetable Garden. Cloth; 105 pages; illustrated; by A. Kruhm 1.50
Home Grounds. Their Planning and Planting. Paper; 50 pages.... .25
Insects and Insecticides. By C. M. Weed. Illustrated. 334 pages..... 1.80
Iris, The. Wister. Cloth; 128 pages..... 1.35
Landscape Gardening, Practical. By Cridland. Illustrated. Cloth; 276 pages..... 2.65
Landscape Gardening, Book of. Waugh. New, Illustrated. Cloth: 220 pp. 2.10
Landscape, The Complete Home. By A. J. Jennings..... 2.65
Manual of Gardening. By L. H. Bailey. Illustrated..... 3.10
Manures, Methods of Making. By Bommer. Paper; 83 pages..... .45
Milady's House Plants. By F. E. Palmer. Illustrated. Cloth..... 1.10
Mushroom Growing. By B. M. Duggar. Illustrated. Cloth; 250 pp.$2.10
Mushrooms, How to Grow Them. Falconer. Cloth; 160 pages..... 1.70
Nursery Manual, The. By L. H. Bailey. Illustrated. Cloth; 12 mo..... 2.60
Onions, Treatise On. By Gregory. Paper; 66 pages..... .40
Peony, The. Illustrated. By C. S Harrison. Paper; 69 pages..... .30
Peony in the Little Garden. By Mrs. Edward Harding..... 1.80
Perennials, Little Book of. By Hottes. Cloth..... 1.65
Plant Culture. By Geo. W. Oliver, Propagator in the Bureau of Plant Industry, Dept. of Agriculture, Washington, D.C. 4th edition. 444 pages 3.65
Plant Propagation. Greenhouse and Nursery Practice, Cloth; 322 pages 2.35
Pruning Manual, The. By L. H. Bailey. Illustrated. 545 pages..... 2.60
Rhubarb Culture, The New. Morse. A complete guide. Cloth; 130 pp. 1.00
Roses. Illustrated. By Robert Pyle. Cloth; 189 pages..... 2.10
Roses and Their Culture. S. C. Huhhard. 127 pages..... 1.35
Soils. By S. W. Fletcher. Cloth..... 2.10
Spring Flowering Bulbs. Thayer. Cloth..... 1.35
Strawberry, The. Samuel Fraser. Very complete..... 1.35
Suburban Garden Guide. Contains planting tahles. 147 pages. Cloth. .80
Tomato Production. Paul Work. New hook..... 1.35
Trees, Shrubs, Vines and Herbaceous Perennials. By Kirkegaard. Illustrated. 400 pages..... 2.60
Vegetable Forcing. By Watts; 400 pages; profusely illustrated. Cloth. 2.60
Vegetable Gardening. By Watts; illustrated; covers every phase of vegetable gardening; cloth..... 2.60
Vegetable Garden. Vaughan's. Paper..... .20

Garden Guide

A complete handhook for the amateur gardener. Contents: Planting the Home grounds; Lawns and Gross Plots; Trees and Shrubs; The Rose Garden; Hardy Perennials; Annuals and Biennials; Bulbs; The Rock Garden; Porch Plants; The Vegetable Garden; Fruit for The Small Garden; Fertilizers; Pruning; Winter Protection; Greenhouses; Hotbeds; Frames; Calendar of Garden Operations; Birds in The Garden. 384 pages and over 275 technical illustrations, with beautiful cover in four colors. Paper, $1.10; cloth $1.65

1001 Garden Questions Answered

By Prof. Alfred C. Hottes

A unique guide hook of garden operations for each day, answering thoroughly and in an easily understood manner over 1,000 questions on the growing and care of flowers, fruits, vegetables, trees, shrubs, lawns, etc.; in fact, every phase of home gardening. 320 pages, well illustrated and carefully indexed. Paper, $1.65; cloth $2.10

The Gladiolus

Complete and authoritative work on this most popular flower, clear and concise. Written by Matthew Crawford and Dr. W. Van Fleet. Fully illustrated. 120 pages. Cloth.....$1.50

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On all following Basketry materials add postage to your order if to go hy parcel post.

RAFFIA FIBRE FOR BASKETS, ETC.

The Raffia which we import is the finest grade to he ohtained and should not he compared with the cheaper coarse material offered hy many and used principally as tying material in gardens and nurseries. Besides the natural shade, we have it in 12 different colors, dark red, Irish green, olive green, pea green, navy hlue, seal hrown, orange, black, old gold, pink, purple, hright red, a sample of which will he mailed you upon request.

Natural, Best Grade, hunch, about 2 oz.....$0.10
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Basket Making. Morse. Paper, 70 pages, illustrated. For heginners....$0.50
How to Make Baskets is the title of a very instructive work. By Mary White. Bound in cloth, 194 pages, illustrated..... 1.75
Practical Basketry. Gill. 167 pages, illustrated..... 1.50

BASKET BOTTOMS

Veneered Basket Bottoms for Reed weaving. Made exceptionally well of 3 and 5-ply panels. Well sanded and holes properly hored to fit uprights.

	Each	Doz.		Each	Doz.
3-inch Round.....	$0.06	$0.65	8x14-inch Oval.....	$0.32	$3.70
4-inch "	.08	.90	10x16-inch "	.38	4.40
5-inch "	.10	1.10	12x20-inch "	.60	6.95
6-inch "	.12	1.35	3-inch Square.....	.06	.65
8-inch "	.17	1.95	5-inch "	.10	1.10
10-inch "	.25	2.85	6-inch "	.12	1.35
12-inch "	.30	3.40	8-inch "	.17	1.95
3x6-inch Oval..	.12	1.35	10-inch "	.25	2.85
4x8-inch "	.18	2.05	12-inch "	.30	3.40
6x10-inch "	.25	2.85			

REEDS

Since the recent awakening to the importance of hasketry, Reed has been brought into marked prominence. Like Raffia, it is also a palm, growing to an astonishing height, and found mainly in China and the Philippine Islands. Nos. 1 to 7 are the common sizes, 6 and 7 heing used for the coarser work.

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	Bunch	½ Lh.	Lh.	5-lh. Lots Per Lh.
No. 1.....	$0.15	$0.68	$1.30	$1.25
No. 2.....	.15	.63	1.20	1.15
No. 3.....	.15	.58	1.10	1.05
No. 4.....	.15	.55	1.00	1.00
No. 5.....	.15	.53	1.00	.95
No. 6.....	.15	.53	1.00	.95
No. 7.....	.15	.50	.95	.90
Flat Reed, ⅜-inch.....	.15	.50	.95	.90

Vaughan's Fertilizers for General and Special Purposes

PRICES F. O. B. NEW YORK.

Vaughan's Balanced Plant Ration (5-8-7)

Five per cent ammonia (nitrogen); eight per cent phosphates, seven per cent potash.

This is a balanced fertilizer, chiefly composed of organic matter (bone, blood and potash) which has been used for 50 years with excellent results by florists, truck gardeners and amateurs, and which we recommend as in our opinion the best balanced fertilizer for all around use in the home garden. It contains in plentiful proportion the chemical elements known to influence plant growth. It is admitted that there is much about plant food which is unknown to us; and florists and gardeners of long experience prefer fertilizers of organic origin where they can get them. Mineral fertilizers may give exactly the same chemical formula, and are in fact more readily soluble, but it may be that organic matter contains beneficial factors as yet unidentified which contribute to vigor and health in plants. While not as free from odor as mineral fertilizers, Vaughan's Balanced Plant Ration is thoroughly sterilized and when stored in a detached shed, and handled in the open air, is in no way objectionable.

For lawns, use 20 to 40 lbs. per 1,000 square feet; and for cultivated gardens, 4 to 6 lbs. per 100 square feet. As liquid manure, use 1 part to 30 parts of water.

5 lbs., 50c; 10 lbs., 95c; 25 lbs., $1.50; 50 lbs., $2.35; 100 lbs., $3.95; 500 lbs., $16.85; 1,000 lbs. $32.00; 2,000 lbs., $58.00.

Vaughan's Lawn and Garden Fertilizer (6-8-6)

Six per cent ammonia (nitrogen); eight per cent phosphates; six per cent potash.

This mixture differs from our balanced plant ration, in that it is composed of plant foods in mineral form. The advantages of mineral fertilizer include the absence of objectionable odor, and the quality of being more readily soluble, which makes it more quickly effective upon plant growth. The formula of this mixture, 6-8-6, is very close to that of Vaughan's Balanced Plant Ration. If it is necessary to store fertilizer in a cellar, garage, or any similar place where a pronounced odor is objectionable, then the mineral fertilizer is preferable. This is an excellent mixture for regular use in the garden plot in small quantities to insure vigorous growth.

For a new lawn, broadcast evenly 30 to 40 lbs. per 1,000 square feet. To stimulate an old lawn, apply 20 to 30 lbs. per 1,000 square feet, and during the growing season, wash it down immediately with the hose to prevent burning. For flowers and vegetables, use from 4 to 6 lbs. per 100 square feet.

5 lbs., 55c; 10 lbs., $1.00; 25 lbs., $2.25; 50 lbs., $3.35; 100 lbs., $5.50; 500 lbs., $25.00; 1,000 lbs., $47.00; 2,000 lbs., $90.00.

Adco Artificial Stable Manure. Make it yourself, in your own garden. To each ton of straw, hay, cornstalks or dried leaves add 150 lbs. Adco to make four tons of fresh or three tons of rotted manure. Adco contains nothing injurious to health or harmful to animal or plant life. Shipments accompanied by full directions.

Price, 25 lb. bag, $2.00; 150 lbs., $10.50. Write for booklet.

Sulphate of Ammonia. Used for its Nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. It tends to create an acid reaction in soil. Do not let it touch green growth. Use 1 pound to 50 square feet.

Price, 25 lbs., $2.10; 50 lbs., $3.70; 100 lbs., $6.40; 500 lbs., $26.00.

Hardwood Ashes. This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. If used on the lawn at the rate of a ton or more per acre as a first application, and annual dressing of three hundred pounds afterwards, will insure a thrifty growth of dark color, exemption from ill effects of dry weather and freedom from weeds.

Price, 25 lbs., $1.10; 50 lbs., $1.60; 100 lbs., $2.60; 500 lbs., $10.50; 1000 lbs., $18.50; 2000 lbs., $32.00.

Bone and Blood. Tankage 9%. For Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash, salts, or hardwood ashes, and if so used it is especially adapted to fruits, if applied early. For garden crops use 500 lbs. per acre.

Price, 25 lbs., $1.50; 50 lbs., $2.65; 100 lbs., $4.85; 500 lbs., $20.50; 1000 lbs., $38.50; 2000 lbs., $74.00.

VAUGHAN'S "ROSE GROWER" BONE MEAL

This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid, and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Ammonia, 4½ per cent; total phosphoric acid, 48 per cent; bone phosphate, 48 to 54 per cent.

Price 5 lbs., 50c; 10 lbs., 95c; 25 lbs., $1.65; 50 lbs., $2.75; 100 lbs., $4.60; 500 lbs., $19.50; 1000 lbs., $35.00; 2000 lbs., $65.00.

Quantity Required.—For permanent pasture and mowing lands ½ to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top-dressing, 1000 to 1500 lbs. per acre; rose beds and plants, 1 part to about 50 of soil; for starting a new lawn, as a base, 3 to 5 lbs. per 100 square feet.

REGULAR BONE MEAL.—Price, 25 lbs., $1.40; 50 lbs., $2.45; 100 lbs., $4.30; 500 lbs., $18.25; 1000 lbs., $35.00; 2000 lbs., $62.50.

PURE RAW BONE, Coarse Ground. Excellent material for vine borders or greenhouse benching. Also all bulbs, indoors and outside. Fine for roses. High analysis. Send for sample. Price, 100 lbs., $4.00; 500 lbs., $17.50; 1000 lbs., $33.50; 2000 lbs., $60.00.

Dried Blood. For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds; of pot plants.

Price, 100 lbs., $8.25; 500 lbs., $35.00; 1000 lbs., $67.00; 2000 lbs., $132.00.

HORN SHAVINGS. These are largely used by florists on such plants as Fuchsias, Geraniums, etc., and in the large vases in Parks and Cemeteries, to supply food after the natural fertility of the soil is exhausted. Price, 25 lbs., $2.35; 50 lbs., $4.20; 100 lbs., $7.50; 500 lbs., $32.00.

HUMUS "Hyper Humus" Brand. Recommended for top dressing or use on heavy clay soils. Price, 100-lb. cases, each, $3.75; 5 cases, each, $3.25. Ask us for prices on larger quantities.

Shredded Cattle Manure. An efficient, high grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings from cattle pens. There is no offensive odor, and when spread on lawn and garden it works down into the soil so that there is no refuse to blow about or be raked off when the growing season begins. If applied to the lawn in the fall it protects the grass roots all through the winter. It is as easy and clean to handle as grain, being perfectly dry and can be stored anywhere until wanted for use.

Price, 100 lbs., $4.30; 500 lbs., $18.40; 1000 lbs., $34.75; 2000 lbs., $67.50.

SPECIAL TRUCK AND FARM MANURE 5-8-3

This is a good grade of concentrated Manure, suitable for **lawns and flowers** as well as vegetables mentioned below. It is of exceptional value and will prove **a money maker** to every farmer or gardener who uses it.

To be used on	Rate per acre	To be used on	Rate per acre
Essex Rape	200 to 500 lbs.	Celery	700 to 800 lbs.
Asparagus	1,000 lbs.	Cucumber	400 to 800 lbs
Beans	400 to 600 lbs.	Lettuce	500 to 1,000 lbs.
Beet	500 to 1,500 lbs.	Onion	500 to 1,500 lbs.
Cabbage	400 to 1,500 lbs.	Tomato	500 to 1,000 lbs.
Carrot	300 to 800 lbs.	Strawberries	500 to 1,000 lbs.

Price, 25 lbs., $1.25; 50 lbs., $2.10; 100 lbs., $3.75; 500 lbs., $15.25; 1000 lbs., $29.50; 2000 lbs., $49.50.

Stim U Plant Tablets. A fertilizer in tablet form. The tablets contain the essential plant foods in highly concentrated form and are therefore very convenient for house use. Package of 30 tablets 25c; if by mail, 30c.

Acid Phosphate. Sixteen per cent available. Bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid.

Price, 25 lbs., $1.15; 50 lbs., $1.60; 100 lbs., $2.45; 500 lbs., $10.00; 1000 lbs., $17.50; 2000 lbs., $30.00.

VAUGHAN'S CONCENTRATED PLANT FOOD.

A most useful Fertilizer for all kinds of plants raised in pots. It produces a rapid and vigorous growth and an abundance of flowers. It is entirely free from objectionable odor and may be used in powder form or dissolved in water to make liquid fertilizer. It contains all the chemical elements known to be of value as plant food.

Package containing food for 20 plants for 3 months; large package containing sufficient plant food for one year. Directions in package. Small packages, each, 20c, if by mail, 25c; large packages, each, 30c, if by mail, 35c.

Muriate of Potash. Imported Potash once again available, should be used liberally, especially for all root crops.

Price, 25 lbs., $1.85; 50 lbs., $3.00; 100 lbs., $4.65.

IMPORTED ENGLISH FERTILIZERS

We are glad to be able once more to offer these imported Fertilizers to our customers at reasonable prices. During the war they were unprocurable, the manufacturing plants being engaged in production of war material.

Clay's Fertilizer. Imported by our New York branch and shipped from New York only. Price F. O. B. New York. This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. It should also be used in potting soil as a top-dressing.

Price, 7 lbs., $1.30; 14 lbs., $2.25; 28 lbs., $3.90; 56 lbs., $7.25; 112 lbs., $13.50.

Scotch Soot (Genuine Imported). Imported by our New York branch and shipped from New York only. Prices F. O. B. New York. Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms.

Price, 25 lbs., $2.00; 50 lbs., $3.50; 100 lbs., $5.90; 500 lbs., $25.00.

THOMPSON'S "SPECIAL" TOP-DRESSING MANURE. Also called "Chrysanthemum" Manure. An excellent stimulating manure for top dressing for Chrysanthemums and similar plants. It is entirely soluble and very powerful, especially suitable for top-dressing plants in pots during the growing season. **A heaped dessertspoonful will be sufficient for a ten-inch pot,** sprinkled over the surface of the soil and watered in with tepid water. This may be given three times during the growing seasons. Best results will follow. Price, 7 lbs., $1.25; 14 lbs., $2.00 28 lbs., $3.75; 56 lbs., $7.00.

THOMPSON'S VINE, PLANT AND VEGETABLE MANURE. So compounded as to combine **stimulating** with **lasting effects.** A safe and reliable food and stimulant for every fruit-bearing plant, for foliage and flowering plants, for vegetables and outdoor plants of every description; admirably adapted for mixing with the soil when potting **in the proportion of 4 lbs. to each wheelbarrow of soil.** Price, 14 lbs., $1.85; 28 lbs., $3.25; 56 lbs., $6.00; 112 lbs., $10.00.

Pulverized Limestone. The agricultural value of lime has been known for centuries, it is an economic neutralizer for soil acidity, also beneficial to the soil in many other ways; it improves the texture of the soil, lets in air and moisture, liberates nitrogen and other plant food, makes your soil sweet—enlivens it—that is, makes conditions favorable to plant growth by giving life to the soil bacteria which make it productive. Lime will be found very beneficial in the growing of all garden crops, fruit trees and flowers. Try it on the lawn, too. Apply after the land is plowed or dug for a crop, scattering with a lime distributor, 2 tons or more per acre, or by hand in small gardens—about a large handful to a square yard. Packed in cotton sacks—not paper.

Price, 10 lbs., 50c; 25 lbs., $1.00; 50 lbs., $1.50; 100 lbs., $2.00; 500 lbs., $7.50; 1000 lbs., $12.50; 2000 lbs., $20.00.

Nitrate of Soda or Chili Saltpeter. Nitrate of Soda is not a substitute for other Manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Gardeners who are using farm manure should continue to use it, but use Nitrate of Soda in addition to other fertilizers. Do not let nitrate touch green growth or it will burn.

HOW TO USE NITRATE OF SODA

Remove the lumps before using and break them up, which can be done by pounding. Use as a top-dressing at the rate of 100 lbs. per acre on the following vegetables, when plants are well established: Beets, Cabbage, Cauliflower, Cucumber, Celery, Egg Plant, Lettuce, Spinach, Onions.

For Asparagus, a top-dressing of 250 lbs. per acre just as soon as the first shoots make their appearance. For Strawberries, a top-dressing of about 100 lbs. per acre after the plants have blossomed.

For the Home Garden apply as a solution one ounce to two gallons of water.

Price (subject to market changes), 5 lbs., 60c; 10 lbs., $1.00; 25 lbs., $1.80; 50 lbs., $3.10; 100 lbs., $5.55; 500 lbs., $26.75; 1000 lbs., $51.50.

Write for prices on larger quantities.

VAUGHAN'S SHEEP MANURE

This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary.

Price, 5 lbs., 50c; 10 lbs., 90c; 25 lbs., $1.65; 50 lbs., $2.25; 100 lbs., $3.75; 500 lbs., $16.25; 1000 lbs., $30.00; 2000 lbs., $55.00.

Floranid Urea. A highly concentrated organic fertilizer containing 46 per cent. available nitrogen, clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. Price, lb. can, 75c; 50 lbs. for $11.00.

Write us for prices on larger quantities.

IMPORTANT. The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

We are not responsible for loss of weight, due to evaporation, of imported fertilizers.

Fertilizer for Home Gardens

THE subject of fertilizers is one on which an immense amount of investigation has been expended, and so much data made available that the home gardener who seeks information from the scientific books may easily become confused.

For the farmer who must make a large investment per acre, in order to apply fertilizer to field crops, and whose increased return for this outlay is a matter of doubt, the decision of what fertilizer to use or whether to use any on a given crop is a serious one. But in the home garden the fertilizer problem is very simple, and the points which one should know in order to apply this stimulant to growth with good effect, and without much expense, are very few.

There are three chemical elements of plant food commonly used in fertilizers. They are ammonia (nitrogen), phosphates and potash. The first has been proved by experiments to stimulate in particular the leaf growth of plants; the second stimulates stalk and stem growth, and the last assists the development of fruits.

In stating that each of these elements stimulates one particular sort of growth, do not understand that it is without effect otherwise. Nitrate of soda, the most popular form of nitrogen, will make fruit trees grow and bear more fruit, and make flowers bloom more brightly; but its chief effect is on the leaf growth. Each of the other plant foods if used in reasonable amounts, not in excess, will improve the general condition of plants to which it is applied, but its chief effect is in the direction I have indicated. A balanced fertilizer is one which contains all three, and which gives a complete diet to the crop. And the composition of a balanced fertilizer is commonly expressed in a formula of three numbers with hyphens between, thus 5-8-7. The first of these numbers always indicates the proportion of nitrogen contained in the mixture; the second, the proportion of phosphates, the third the proportion of potash. Thus 5-8-7 fertilizer contains five parts of nitrogen, to 8 of phosphates, and 7 of potash.

It is useless to bother with analysis of soils for garden crops. The practical value of chemical analyses of soils is a matter of doubt. Food elements may be present in the soil without being easily available to the plants. The chemical fertilizers are immediately soluble, and thus quickly available. All food is taken up by plants in liquid form. With the shallow rooted garden crops it is important to place the fertilizer close to the surface. Sprinkle it between the rows after cultivation every week or two. A little frequently applied is the best way. Overdoses of fertilizer are likely to be injurious, and one would better err on the side of too little than too much. You will be surprised at the difference a small application of fertilizer will make in your crops, if regularly applied. Do not expect the effect to be apparent in a few hours. It will be days before it can be seen.

The garden needs a medicine chest, and one of the staple remedies which should be kept there in every garden is nitrate of soda. This is a garden stimulant, to be applied when plants need a tonic. It is the cheapest and best form of nitrogen for fertilizer use, and may be used on anything which has suffered a check in growth. It is dangerous to use carelessly because it will burn foliage if it touches. Sprinkle it on the ground at the rate of a teaspoonful to the plant, or dissolve it in water and pour this water on the roots. Nitrate is a complete fertilizer to plants which are grown for their leaves. It may be applied regularly to lettuce, cabbages, all kinds of greens, endive, kale, etc. It is also good for flowers of all kinds, and is an excellent stimulant for grass when quick growth is desirable.

Sulphate of ammonia is a nitrogen fertilizer which creates in soil an acid reaction. It is being used extensively on golf greens, where an acid soil is desirable because it encourages particularly the growth of bent grasses, and discourages many weeds and clover.

Insect Destroyers

Unmailable—Insecticides containing Poison CANNOT be Sent by Mail—by Express only.

BLACK LEAF 40, is a solution of Nicotine Sulphate. It is highly recommended by Experiment Stations throughout the United States as a spray for soft bodied sucking insects. For spraying only. Directions must be followed carefully: 1 oz. bottle, 35c; ½ lb. can, $1.25, makes 40 to 100 gallons; 2-lb. can, $3.50, makes 200 to 500 gallons; 10-lb. can, $13.50, makes 840 to 2100 gallons.

LIME SULPHUR. (Solution.) The best remedy for San Jose scale. One gallon makes twelve. Also one of the best summer sprays, as it is an excellent fungicide. When used in summer dilute with 20 to 30 parts water. Per qt. can, 45c; 1 gal., $1.00; 5-gal. can, $4.00. Write for prices in barrel lots.

DRY LIME SULPHUR. For dormant spray use 12 to 15 lbs. to each 50 gals. of water. For summer spray, 3 to 4 lbs. to each 50 gals. of water. Lb., 35c; 5 lbs., $1.50; 25 lbs., $4.50; 100 lbs., $14.00.

ANT EXTERMINATOR. Non-poisonous powder which, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. (We do not send this outside of States of Illinois and New York.) Per box, 35c; smaller size, 20c; by mail 5c. extra.

APHINE. 1 pt., 65c; 1 qt., $1.00; 1 gal., $3.00.

CALCIUM, ARSENATE. (Dry.) Lb., 50c; 4 lbs., $1.60.

BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. 1 lb. will make 5 gallons liquid. Lb., 40c; 4 lbs., $1.50; 25-lb. kegs, $5.25.

CARBON DISULPHIDE. For ants and cut worms. 1 lb., 50c; ¼ lb., 20c.

ENOZ KILLS MOTHS. **Enoz Moth Liquid.** Pt., $1.00; qt., $1.65; gal., $4.25.

FLOWERS OF SULPHUR. Lb., 15c; 10 lbs., $1.00; 50 lbs., $3.75; 100 lbs., $6.50.

FISH-OIL SOAP. Standard wash for trees and plants where insects and eggs affect the bark. Lb., 30c; 5 lbs., $1.25; 10 lbs., $2.25.

FUNGINE. New remedy for mildew, rust and other fungus diseases for greenhouse and outdoor use. Pint, 65c; 1 qt., $1.00; gal., $3.00.

GRAPE DUST. Excellent for the prevention and destruction of mildew on plants. 5 lbs., 95c; 10 lbs., $1.80.

HELLEBORE POWDERED, White. Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. Per ¼ lb., 20c; ½ lb., 35c; lb., 60c; 5 lbs., $2.50; 10 lbs., $4.50.

NICO FUME POWDER FUMIGATOR. Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. 2½-lb. tin, $2.50; 5-lb. tin, $4.75; 10-lb. tin, $8.50.

LEMON OIL. Destroys mealy bug, scale, red spider. ½ pt., 35c; pt., 60c; qt., $1.00; ½ gal., $1.75; gal., $3.00; 5 gals., $12.00.

NICO-FUME LIQUID. For fumigating or spraying; contains 40 per cent. nicotine. ¼ lb., 75c; 1 lb., $2.25; 4 lbs., $8.00; 8 lbs., $15.00.

"NICO-FUME." A Tobacco Paper for Fumigating. Strips of Paper strongly saturated with Nicotine. These, when suspended and lighted, make one of the best and simplest methods of fumigating greenhouses. Use 4 to 6 sheets for ordinary house 100 ft. long by 20 ft. wide. Price, 24 sheets, $1.25; 144 sheets, $5.50; 288 sheets, $10.00.

TWO-WAY SPRAY. (Dry.) Combination insecticide and fungicide, containing arsenate of lead and Bordeaux mixture. Price, lb., 50c; 4 lbs., $1.50; 100 lbs., $21.00.

SULPHATE OF IRON. A remedy for weeds on lawns, kills dandelions without injuring grass. Liquid should be applied with a fine spray. Full particulars on application. 5 lbs., 40c; 10 lbs., 75c; 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.25.

USPULUN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings and disinfection of seed bed soil. Prices, 2 oz., 50c; ½ lb., $1.60; 5 lbs., $13.00; 25 lbs., $62.50. Write for leaflets stating for what purpose desired.

KEROSENE EMULSION. One of the best insecticides for all soft-bodied sucking insects feeding openly, so as to be within reach of actual contact, such as plant lice, flea beetles, aphis, green-fly, mealy bug; also for insects on fruit trees, including San Jose scale. Per 1-quart can, 65c; 1 gal., $1.45; 5-gallon can, $6.00.

MELROSINE. Is certain death to Rose bugs. One pint will make three gallons of spray solution. Trial size can 50c; pint, $1.00; quart, $1.75; half gal., $3.25; gal., $6.00.

ARSENATE OF LEAD. (Dry.) For dusting and spraying. Solves the problem of controlling practically all leaf-eating insects in an efficient manner. 1 lb., 50c; 4 lbs., $1.75; case of 32 lbs., $9.00; 100 lbs., $22.00.

PYROX. Kills all leaf-eating insects, destroys fungus growth, blight and rot. Mixes easily in cold water, sprays without clogging and sticks to foliage. Price, lb., 50c; 5 lbs., $1.75; 10 lbs., $3.00; 25 lbs., $6.25; 50 lbs., $10.75; 100 lbs., $15.50.

NIKOTEEN. 30% grade. For Spraying and Fumigating. Oz. bottle, 35c.; ½ pt., $1.10; pt., $2.00; 3 pts., $5.75; original case 10 pts., $18.00. 40% grade. 4 lbs., $8.00; 8 lbs., $15.00.

PARIS GREEN. A poisonous insecticide in powder form, for insects which chew. ¼ lb., 20c; ½ lb., 35c; per lb., 55c; 5 lbs., $2.50; 14 lbs., $6.00.

SULPHO-TOBACCO SOAP. One of the best remedies for green-fly on roses. Per ½-lb. box, 25c; by mail, 30c. 3-oz. package, each, 15c; by mail, 20c.

SCALECIDE. An oil preparation for San Jose scale. Use 1 gal. to 15 gals. water. Qt., 75c; gal., $1.75; 5 gals., $6.25; 10 gals., $10.60. Write for price in barrel lots.

SLUG SHOT, Hammond's. Guaranteed to destroy potato bugs, and those on tomato and egg plants, currant worms, cabbage lice and worms. Price, 1 lb. 25c; 5 lb. package, 60c; 25 to 50 lbs., at 10½c per lb. Per keg 125 lbs., $12.00; barrel, 250 lbs. in bulk, $23.00 **Slug Shot Duster.** ½ gal. size, 60c.

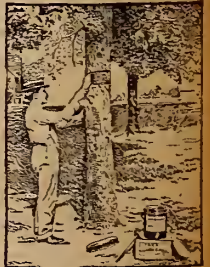
THRIP JUICE No. 2. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Per pt., 75c; qt., $1.10; gal., $3.25.

TOBACCO DUST. (Regular Grade.) 5 lbs., 35c; 10 lbs., 60c; 100 lbs., $4.00.

TOBACCO STEMS. These prices subject to change without notice, on account of the uncertain supply. Price, 100 lbs., $2.50; 500 lbs., $9.50; 1000 lbs., $18.50.

TREE TANGLEFOOT. Perfect safeguard for trees. Lb., 60c; 5 lbs., $2.75; 10 lbs., $5.25; 25 lbs., $11.00.

VERMINE. For eel, cut worms and wire worms, working in the soil. It can be applied to all vegetation. Pint, 65c; quart, $1.00; gal., $3.00.



Tree Tanglefoot

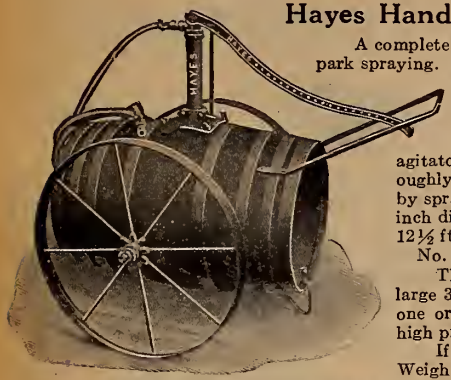
***VOLCK.** The Scientific Insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphis and thrips. Pint, 75c; qt., $1.00; gal., $3.00; 5 gal., $12.00.

WILSON'S O. K. PLANT SPRAY. A powerful yet harmless and efficient insecticide for aphis, red spider, mildew scale, etc., for inside and outside spraying. Price, ½ pint, 40c; quart, $1.00; gallon, $3.00; 5 gallons for $10.00.

CYANOGAS CALCIUM CYANIDE "G." Greenhouse fumigant. Aphis, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. Lb., 60c; 5 lbs., $2.50; 25 lbs., $8.50; 100 lbs., $25.00 Write for leaflet.

Sprayers and Dusters for Insecticides

Hayes Hand Barrel Sprayer Cart Outfit B 1821



A complete spraying outfit for small orchards, large estates or public park spraying. An excellent general purpose farm sprayer for disinfecting, whitewashing, field, garden and orchard work.

Pump air chamber is all steel, of large capacity and maintains uniform pressure and makes for ease of operation. The handle is long and powerful. Twin paddle agitators pass on both sides of strainer and stir solution thoroughly. All working parts are bronze or brass to resist corrosion by spraying chemicals. Cart: Steel wheels, malleable hubs, 30 inch diameter, 2½ in. tires securely mounted to 50 gallon barrel, 12½ ft. half-inch spray hose, nozzle and fittings.

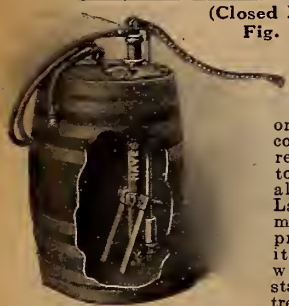
No. 1821B equipped as above. Weight, 170 lbs., **$36.00.**

The Jumbo pump has a 2½ inch cylinder and an extra large 3 inch boiler tube air chamber which enables it to handle one or two leads of hose, and develop sufficient capacity and high pressure to do a first class job.

If wanted with Jumbo Barrel Pump order No. 1921B. Weight, 181 lbs., **$40.00.**

Hand Barrel Sprayers

(Closed Barrel)
Fig. 182



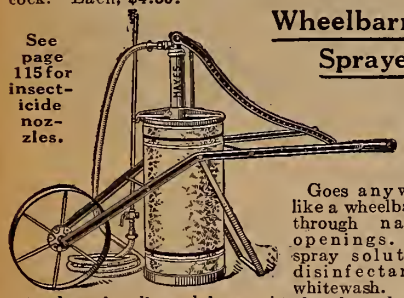
Construction similar to open barrel type with all working parts of bronze or brass to resist corrosion. Pump rests solidly on bottom of barrel and is always submerged. Large air chamber maintains uniform pressure and makes it unnecessary to work pump constantly. Develops tremendous pressure. Equipped with 12½ ft. spray hose, nozzle and fittings. **Price,** without barrel, **$14.35. Price,** with barrel, **$22.50.**

BAMBOO EXTENSION ROD

Lined with aluminum. Eight feet long, with stop cock. Each, **$4.50.**

Wheelbarrow Sprayer

See page 115 for insecticide nozzles.



No. 1721F

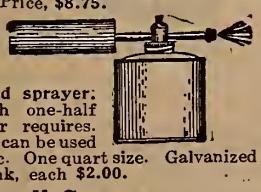
Goes anywhere like a wheelbarrow, through narrow openings. For spray solutions, disinfectants or whitewash. With extra long handle and large air chamber, develops 150 to 200 lbs. pressure with minimum of effort. Made of best materials, all working parts of brass or bronze. Cart is strong, all steel and cross braced. Tank holds 12½ gals. Fully equipped with hose, nozzle, fittings, steel extension, etc. **Price,** $24.00.

Shipping weight, 80 lbs. Wheelbarrow, same capacity as the above, with smaller pump, each, **$15.00.**

Bink's Sprayer

Equipped with 3 feet of discharge hose, shut-off cocks, Star spray nozzle and shoulder strap. Works with compressed air. Price, **$8.75.**

Pneumatic Sprayer



Compressed air **hand sprayer.** Operator sprays with one-half labor ordinary sprayer requires. Throws a fine mist and can be used to apply insecticides, etc. One quart size. Galvanized Tank **$1.25;** Brass Tank, each **$2.00.**

The Lowell Sprayer

For applying insecticides in form of mist. Reservoir is glass, so operator sees ingredients mixing. Will not corrode or rust. If broken can be replaced with Mason jar. Price, each, **85c.**

Standard Spray Pump

This pump is a Bucket, Barrel or Knapsack pump as desired. **Price, $5.00;** with knapsack and curved extension, **$9.25.**

Success Whitewash and Spray Pump

This is most excellent for use in gardens, greenhouses, orchards, washing windows, and buggies or whitewashing and spraying poultry houses. Is fitted with Bordeaux nozzle, the best combination spraying device, and can be changed from a solid stream to a spray. It is double action and has large air chamber which throws an absolutely continuous stream solid or in fine spray. It is one of the best pumps made for the money.

Price, complete, **$7.50,** without bucket.

Myers Little Giant Spray Pump

with agitator, complete with hose and combination fine coarse spray and solid-stream nozzle, with malleable foot rest. Price, complete, **$5.00** without bucket.

The Auto Spray

Eight to ten strokes of plunger in air chamber compresses enough air to discharge entire contents, making continuous spray for nine minutes. "Auto Spray" is improved by addition of the "Auto Pop" shown in illustration.

Price, galvanized iron reservoir, **with Auto Pop, $6.50;** solid brass reservoir, **with Auto Pop, $9.00.** Extension rods, 2-foot lengths, **50c.** Two-row attachments, **$1.50.**

Hudson Sprayer

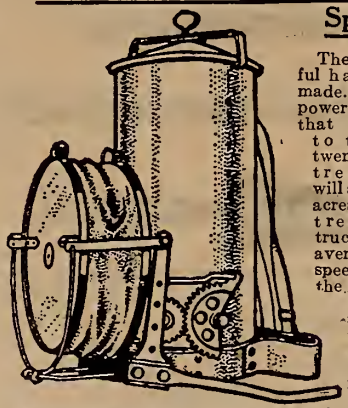
The tank is made of heavier metal than is generally used for similar sprayers, while the valve and pump are of special construction to give better service. Hose is attached at such an angle that it will not kink. Unexcelled for Whitewash, Water Paints, Insecticides, etc. Galvanized steel, **$6.50;** all Brass, **$9.00.**

Powder Bellows.

For dusting with sulphur or like material.

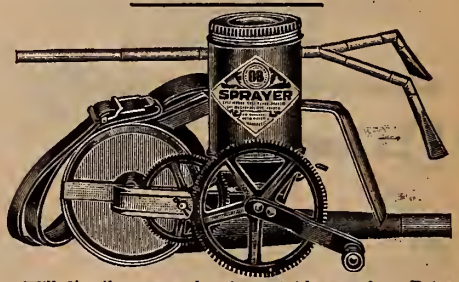
No. 11. Length, 17 inches over all. Each, **$1.75**
No. 16. " 21 " " " Each, **2.75**

The American Beauty Dust Sprayer



The most powerful hand duster made. Has a large, powerful bellows, that throws dust to the top of twenty-five foot trees. A man will average eight acres per day on trees. Dusts truck crops at an average walking speed, and dusts the under side of leaves. Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. It is considered the standard of efficiency by all authorities. **Price, $20.00.** Write for leaflet of the American Beauty Dust Sprayer.

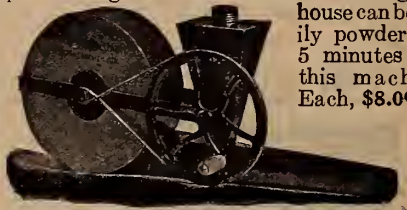
Crank Duster



Will distribute any dry insecticide evenly. Price **$10.00.**

Peerless Blower

The best machine on the market for applying sulphur, Paris green, slug shot, etc., to plants in greenhouses. A 200-ft. greenhouse can be easily powdered in 5 minutes with this machine Each, **$8.00.**



Feeney Model B Duster

Splendid Hand Duster. Each.....**$1.25**

Little Giant

The best dry powder gun; will distribute any dry insecticide. Will do as much work in a day as a horse-power sprayer. Price, **$10.00.**

Duster, Lowell

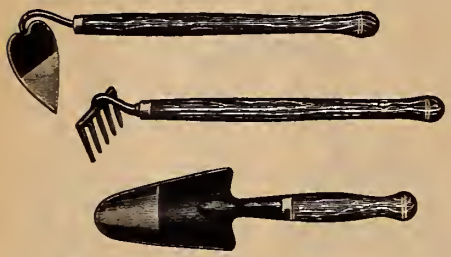
Handy for dusting any powder. Operated same as hand sprayer. Each, **85c.**

Powder Gun, Cyclone

Small size, **20c.** Jumbo size, **45c.** Postage, extra, each, **5c.**

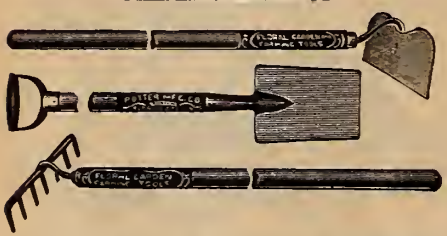
Novelty Garden Tools and Supplies

AMERICAN BEAUTY GARDEN SET



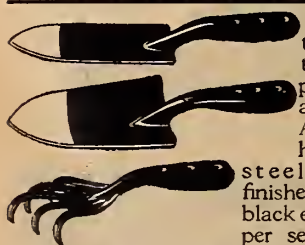
All handles are hand-turned and hand-finished, extra heavy. Tools are finished in red enamel; these are practical tools and are put up each set in a strong box. Hoe heart-shaped blade, heavy steel, 16-inch handle. Rake, heavy five-tooth malleable iron, 7-inch handle. Trowel heavy 6-inch. The finest floral set made. Price, per set, $1.10; if by mail, add 20c for postage.

LADIES' AND YOUTHS' SET OF GARDEN TOOLS



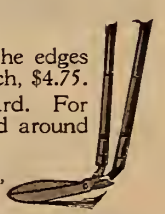
Well constructed; combine strength and light weight. This set of light weight tools comprises a long handled hoe, a garden rake and spade. They are all serviceable, well constructed tools (not toys), handy for use in camp and home gardens. Price, per set, $2.00.

HEAVY PRESSED STEEL GARDEN SET



Set of three tools. Garden trowel, transplanting trowel and weeder. All made of heavy pressed steel. Handsomely finished in baked black enamel. Price, per set, $1.00; if by mail, add 20c for postage.

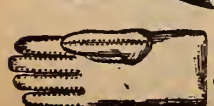
SHEARS



Border — For trimming the edges of borders and walks. 9-inch, $4.75.

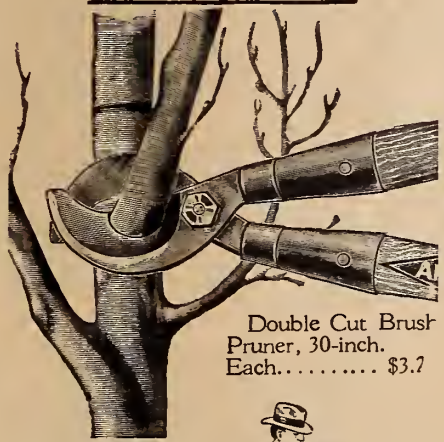
Grass — With thumb guard. For trimming grass on edges and around flower beds. Each, 50c.

Grass—Best quality steel, 6-inch blade, $1.35.



GLOVES — Gardener's. Per pair, $1.75.

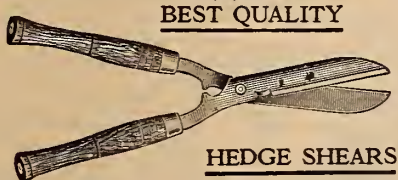
DOUBLE CUT PRUNER



Double Cut Brush Pruner, 30-inch. Each..... $3.7

LITTLE WONDER—Hedge Trimmer. Will trim your hedge five to ten times faster than hand shears. Attachments come with each machine to adapt it to flat, round or pivot tops as well as side cutting; 40-inch. Each, $25.00.

BEST QUALITY



HEDGE SHEARS

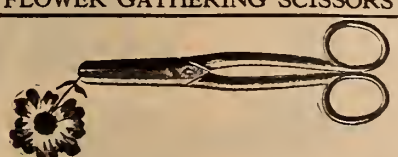
Imported. Made of the highest quality steel. These shears can be used both for trimming hedges and cutting grass under fences, bushes, etc. Steel blades. Tang extends through handles, riveted, making handles fast.

8 inch with Notch $3.00
9 inch with Notch 3.25
10 inch with Notch 3.50

LADIES' HEDGE SHEARS

Ladies' pattern. A very graceful tool, light in weight and designed especially for ladies' use and light work of all kinds. The blades hollow ground, causing them always to close on the cutting edge; are made of steel, and the handles are hardwood, fastened with snug fitting, stamped ferrule. Each, $2.00; if by mail, add 25c for postage and packing.

FLOWER GATHERING SCISSORS



Henckels' twin brand, imported, cuts and holds the flowers. Nickel plated, finest quality Price, $3.00; if by mail, add 15c for postage.

SOWRITE SEED SOWER

Sows Seeds at a touch.

SOWRITE Model 1923. Made of copper, nickel plated, for all seeds up to size of sweet peas; scatters seed individually; prevents crowding and choking of seedlings; eliminates guess work because you can see each seed drop no matter how fine; saves time because you can sow seeds twice as fast. Price, $1.50, postpaid.

MOTOR MOWERS

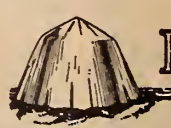
Coldwell's Model "L." Combination Motor Lawn Mower and Roller; it is powered with a 3½ horse-power Fuller and Johnson 4-cycle motor. Hand-controlled lawn mower with plenty of reserve power which will make it possible to cut close up to and around trees, shrubbery, walks, driveways and extreme grades. Width of cut 25 inches. Full width drive roller, will cut 6 acres per day on a gallon of gasoline. Shipping weight, crated, 400 lbs.

Price, $350.00.

Model "R." Similar to Model "L" with less refinements, made to meet demand of a high-grade motor mower at a minimum price. Shipping weight 450 lbs. crated.

Price, $260.00. Write us for price and leaflet on Bolen's Motor Mowers.

Model "H" 30-inch cut. Price, $425.00. Write us for booklet.



Hotkaps

New Method of Plant Protection

Protects plants from frost and other elements, matures crops earlier, keeps insects out, keeps soil soft. They are made of a specially prepared waxed paper and are cone-like in shape, measuring about 11 inches in diameter at the base and coming to a point at the top. When placed over the plants and held firmly in place by the soil around it Hotkaps become individual miniature hot-houses. Price, per 100, $2.00; 250 for $3.75; 1000 for $10.00.

Hotkap Setter. Will prove very helpful. This is a small steel cone, the exact shape of the Hotkap itself with a handle at the top. The cost of the Hotkap setter is nominal and can be used a lifetime. Price, each, $2.75.

72 PAGE GARDEN MANUAL FREE

Planet Jr. Garden Tools

WRITE FOR YOUR COPY NOW

No. 12 Planet Jr. Double and Single Wheel Hoe

A combination of Double and Single Wheel Hoe that has become the most popular in this and other countries. As a double wheel hoe the row can be straddled and worked both sides until the plants are 20 inches high. Then as a double or single wheel hoe, the crops can be cultivated both sides of the row and in the middle, thoroughly and quickly. Can also be used as a single wheel hoe wherever desired. The cultivating attachments permits one to do all the necessary plowing, opening and closing of furrows, hilling of plants and all the garden cultivation required. The side hoes break up the crust, kill the weeds, and pulverize the soil, which prevents evaporation of the required moisture. Rakes, Disc Hoes and other attachments can be added at any time. See Page 80 of the Planet Jr. catalogue.

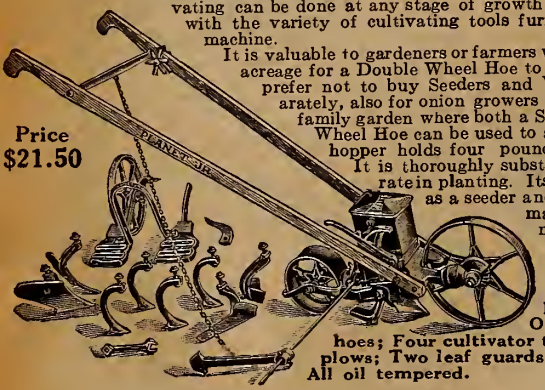
Equipment: Pr. 6-inch Hoes, 4 Steel Cultivator Teeth, Pair Plows, Two Leaf Guards

No. 12 Price, $10.75

No. 25 Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow

The **No. 25 Combined Seeder, Double and Single Wheel Hoe** is recognized by hundreds of users and recommended by them as being the "Complete Gardener." It sows practically all vegetable seeds, either in hill or drill, accurately and without waste. Practically any kind of cultivating can be done at any stage of growth of various crops with the variety of cultivating tools furnished with this machine.

It is valuable to gardeners or farmers who have enough acreage for a Double Wheel Hoe to be used, and yet prefer not to buy Seeders and Wheel Hoes separately, also for onion growers and for the large family garden where both a Single and Double Wheel Hoe can be used to advantage. The hopper holds four pounds of onion seed. It is thoroughly substantial and accurate in planting. Its simplicity, both as a seeder and as a wheel hoe, makes the combination thoroughly satisfactory.



Price $21.50

Holds 2½ qts. Weight, complete, 61 lbs. Equipment: One pair of 6-inch hoes; Four cultivator teeth; One pair plows; Two leaf guards; One marker. All oil tempered.

No. 19 Planet Jr. Garden Plow and Cultivator

Especially made for farmers' table garden. Here is a complete garden cultivator and plow, and although very moderate in price, will take care of all the cultivating in your garden, whether it be large or small, as well as doing all the necessary plowing, opening and closing of furrows, hilling up plants, and other work. The assortment of cultivating attachments is very complete, everyone being of special design; and the work that they will do will make you wonder how you ever handled your garden without this tool.

No. 19 Price, $6.00

Equipment: One 2-in. Cultivating Tooth; One 10-in. Sweep; One plow; 5-Prong Cultivating Attachment; 15-inch Steel Wheel.

Midget Seeder With Handle

Is the most popular little seeder on the market. It is all metal construction, but it is extremely light and easy to lift about or to empty. It operates very simply. The shoe is adjustable for any depth, the coverer swings free and does its work nicely; will handle accurately almost any kind of garden seed from the smallest up to peas and beans. The hopper holds one pint, yet it will drill out clean a five-cent package of seed just as well as a hopper full. It is equipped with a 4½-foot handle. Full directions attached to every Seeder.

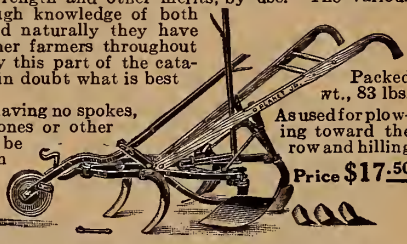
Price, $4.25

No. 8 Planet Jr. Horse Hoe and Cultivator

ONE HORSE IMPLEMENTS

Planet Jr. Horse Hoes are more widely known and bear a hgher reputation than any horse hoes ever make. Their first appearance was haled with delight by thrifty farmers, and they have been held in increasing esteem ever since by those who have learned their strength and other merits, by use. The various tools are the result of a thorough knowledge of both farming and manufacturing, and naturally they have attracted the attention of brother farmers throughout the world. We ask you to study this part of the catalogue well and to write us when in doubt what is best for your purpose.

The new steel gauge wheel, having no spokes, will not clog with cornstalks, stones or other trash, and no sand or dirt can be carried up on the inside of the rim to drop on the bearings. The hub is cheaply renewed when necessary. This wheel fits all Planet Jr. Horse Hoes or Harrows. When ordering extra wheels, specify for which machine wanted, as the arms vary. Cast wheels can be supplied if wanted.



Packed wt., 83 lbs.

As used for plowing toward the row and hilling

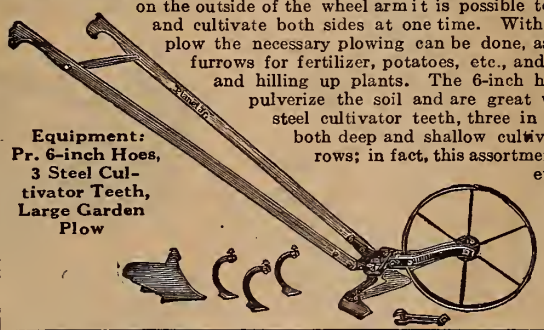
Price $17.50

No. 8 Planet Jr. Horse Hoe and Cultivator. This style is a general favorite, being complete and easily operated. The tool is especially strong, being braced so as to make a stiff, unyielding implement intended for long continued service.

Equipment: Four 3x8-in. cultivator steels; One 4x8-in. cultivator steel. Two 6-in. hillers; One 7-in. shovel; Lever wheel (steel); Lever expander; Depth regulator.

No. 17 Planet Jr. Single Wheel Hoe

One of the leaders in the Planet Jr. Garden Tool line. Will do practically the same work as the double wheel hoes, but is much lighter. By putting the wheel on the outside of the wheel arm it is possible to straddle the row and cultivate both sides at one time. With the large garden plow the necessary plowing can be done, as well as opening furrows for fertilizer, potatoes, etc., and closing furrow—and hilling up plants. The 6-inch hoes break up and pulverize the soil and are great weed killers. The steel cultivator teeth, three in number, give you both deep and shallow cultivation between the rows; in fact, this assortment of tools give you everything you need to thoroughly cultivate the garden.



Equipment: Pr. 6-inch Hoes, 3 Steel Cultivator Teeth, Large Garden Plow

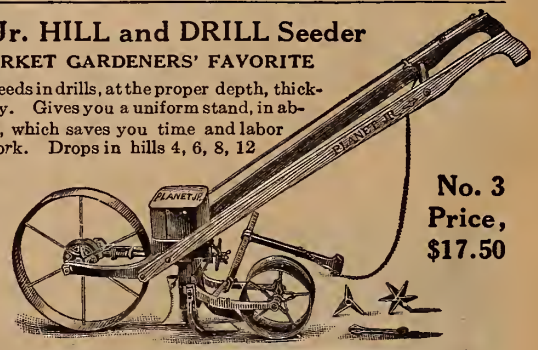
No. 17 Price, $7.75

No. 3 Planet Jr. HILL and DRILL Seeder

THE MARKET GARDENERS' FAVORITE

Sows all vegetable seeds in drills, at the proper depth, thickness, and economically. Gives you a uniform stand, in absolutely straight rows, which saves you time and labor in your cultivating work. Drops in hills 4, 6, 8, 12 or 24 inches apart.

Special opening plow and coverers furnished for sowing onion seed for sets for the No. 3 Seeder as well as for the No. 4 combination.



No. 3 Price, $17.50

Bolen's New Model "D" Garden Tractor and Combination Lawn Mower

A light-weight, efficient garden tractor that exactly meets the requirements of the market gardener and suburban resident. This machine is flexible, easy to operate—any good-sized boy or girl can run it easily. It seeds, weeds and cultivates and mows the lawn, besides furnishing stationary power for light machinery.

Ask us for special circular.

PRICES F. O. B. PORT WASHINGTON, WIS.

OUTFIT No. 2 with cultivating frame for one and two rows, with two pair of weeding hoes and six cultivator teeth, **$206.40.**

OUTFIT No. 8, the same as Outfit No. 2, with addition of lawn mower attachment and 30-inch Timken equipped cutting unit, **$281.40.**

Complete catalog and price list on request.

Price, $281.40 F. O. B. Factory

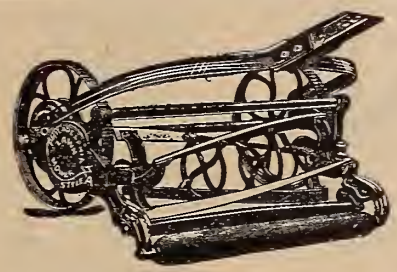
OUTFIT No. 8 Less cultivating parts

LAWN MOWERS
LAWN ROLLERS
LAWN TRIMMERS

We Supply Everything

The Genuine Philadelphia Lawn Mowers

FOR HALF A CENTURY THE STANDARD OF QUALITY



THE genuine Philadelphia Lawn Mowers are the recognized standard for high-class machines. They are universally used in cemeteries and parks, where they are run constantly, day after day. The ordinary mowers cannot stand such usage. The knives are made of vanadium crucible steel, and do not require constant sharpening. The bearings are easier running than ball-bearings, and do not become clogged with dirt. A lawn mower of this quality for home use will be the best labor-saving device one could invest in—always sharp, easy running and going for years without the need of repair. We list the three highest grade machines made by the Philadelphia company. Write for catalog.

Style A. High wheel, all steel, very easy to run and light in weight. Ten-inch driving wheels. Long, large bearings, four blades, double ratchet. More of these mowers used by parks and estates than all other makes combined. Three gears on one side.

15 in.	17 in.	19 in.	21 in.
$21.00	$23.50	$26.50	$29.00

Style K. Cylinder with 5 blades. Driving wheel 10 inches. Big bearings, bored with rifle-barrel accuracy. Vanadium crucible steel blades. Very durable. Single pinion gears on both sides.

14 in.	16 in.	18 in.	20 in.
$17.00	$19.00	$21.00	$23.00

Graham. Named for the president of the Philadelphia company. The finest lawn mower made. All steel cylinder, 4 blades. Driving wheels 10 inches. Train of gears for easy running on both sides. Bearings absolutely accurate. Wheels, gears and cylinders can be removed without disturbing other adjustments.

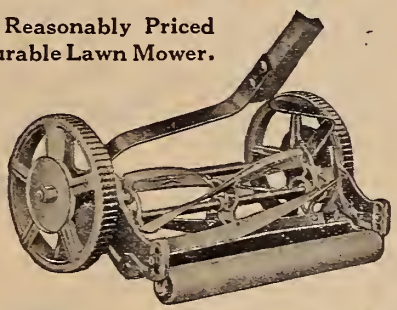
17 in.	19 in.
$26.00	$29.00

Philadelphia Grass Collectors. Have a galvanized iron bottom and never-rip cloth connections. Always be careful to state size and style of Mower when ordering.

	Each		Each
14-inch	$3.25	18-inch	$4.50
15-inch	3.50	19-inch	4.75
16-inch	3.85	20-inch	5.00
17-inch	4.15	21-inch	5.25

Pilot Ball-Bearing

A Reasonably Priced Durable Lawn Mower.



Drive Wheels—9 inches; open spoke design; revolve on steel bearings.

Reel—5½ inches in diameter; malleable spiders; steel shaft.

Gears—Double; one in each wheel; flat steel pawls.

Blades—Four crucible tool steel, hardened and tempered.

Ball-Bearings—Self-adjusting; dust-proof.

Bottom Knife—Tool steel; self-sharpening.

This mower is very graceful in outline and one of the easiest-running machines on the market. Handsomely finished in aluminum bronze with blue and gold decorations.

14-inch	16-inch	18-inch
$9.75	$10.50	$11.00

IDEAL LAWN EDGER

For trimming around edges of lawns and walks. A remarkable tool for any lawn. Adjustable to any grade, and will run close to the walks. Keep knife sharp. Do not use on soaking or wet ground. Each.....$3.25

Sod Lifter

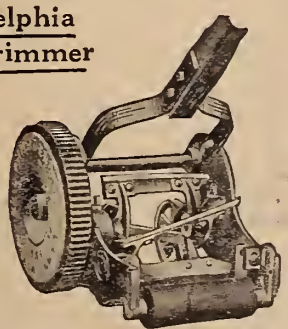
Polished steel blade, strap ferrule D handle with ebonized wood grip. Length of handle 2¾ feet. Length over all, 4 feet. **Price, each, $2.00.**

TURF EDGER

American.....Each, $1.25

Philadelphia Lawn Trimmer

Does what Lawn Mower leaves undone. Having one side without wheel, it can run close to walls and trees, cutting grass clean and quick. Can also be used for trimming edges of walks, etc. **Price, each $10.50, complete.**



THE RICHMOND SOD CUTTER

A great labor-saver. A whole field can be cut without removing the sod, provided a narrow strip of about one inch in width is taken out at the start. **Price, $40.00.**

Lawn Rollers

Genuine Dunham Water-Weight Rollers

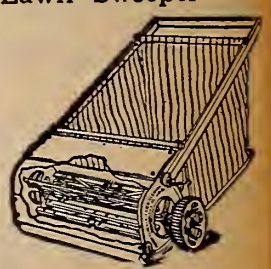
Water Ballast Lawn Rollers, steel handles, roller bearings, acetylene welded drums with anti-turf-tearing tires, positively non-rust shut water entrance. The most efficient and easiest running roller made. Weighs 50% more when filled with sand. Water is more convenient.

No.	Diam. in.	Length in.	Sections	Wt., Filled empty	Wt., Filled water	Price
WB5.....	18	24	1	85	265	$18.00
WB7.....	24	24	1	110	420	21.00
WB9.....	24	32	1	130	565	23.00

Dunham rollers with plain bearings slightly lighter than the roller-bearing rollers.

No.	Diam. in.	Length in.	Sections	Wt., Filled empty	Wt., Filled water	Price
WB2.....	14	24	1	68	175	$12.50
WB4.....	18	24	1	82	265	14.50

Gem Lawn Sweeper



This machine will clean the lawn more thoroughly and quickly than three or four men with hand rakes, and greatly benefit the turf. Put together in the most durable and thorough manner. The rakes are flexible, the rake-heads being divided in the middle and hung on easy swinging hinges which are kept in position by retaining springs. We can guarantee the machine to do good work. **Price, 24-inch wide, each $34.00**

Berghman Lawn Mower Sharpener. A high-grade durable lawn mower sharpener, easy to use and adjustable to all types and makes of machines. A hundred-fold better than a file—no danger of making low spots in the blades. **Price, $1.00**

No. 2 Planet Jr. Grass Edger. A handy tool to keep your lawn edges well trimmed. **Price, $1.75.**

for the Lawn, Etc.

HOSE REELS, SPRINKLERS, RAKES, EDGERS, ETC.

ELECTRIC NON-KINKABLE HOSE

Best hose, finest quality of rubber. Will not kink and will last for years. We can supply any length and will fit with snap hose couplings if advised when ordering. Price, ¾-inch or ½-inch, per 25 feet, **$6.75**; 50 feet, **$13.00**; 100 feet, **$24.00.**

STANDARD RAIN KING

Combines all the best features of both stationary and revolving sprinklers. Waters the largest lawns or the smallest corners, strips and odd-shaped places. Sprinkles in two directions at once or concentrates wherever water is wanted. Gives a gentle mist, a soaking downpour or light shower—all at instant command.

Each nozzle a complete sprinkler with full range of direction, distance and volume. Instantly set for either stationary or whirling spray. Nozzles set instantly for any spray. Operate independently or together. Distributes water perfectly under any pressure. When set to revolve, regulates to run fast or slow, to cover small or large circle.

Nothing to get out of order. Built for hard work and built to last. Bearings are hardened and machined to precision standards. A strong, sure-working sprinkler that is a trade builder.

Weight, 3 lbs. Packed one to a carton. Price, each,..... **$3.50**

LINCOLN PARK OR BUTTERFLY

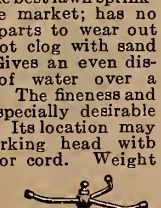
Cheapest and best Sprinkler made. Each, **35c.**

Mounted on stand: 2-foot, **95c**; 4-foot, **$1.10**; 6-foot, **$1.20.**

THE EVANSTON SPRINKLER

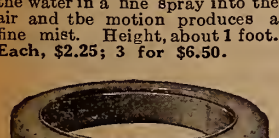
One of the best lawn sprinklers on the market; has no revolving parts to wear out and will not clog with sand or dirt. Gives an even distribution of water over a large area. The fineness and symmetry of its spray makes it especially desirable for new lawns and flower gardens. Its location may be changed while under full working head with perfect ease, by the aid of a wire or cord. Weight 2 lbs. **Each, 70c; 3 for $2.00.**

CYCLONE SPRINKLER



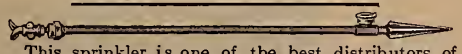
Three-Arm Lawn Sprinkler, which can be operated with a moderate pressure, covers a wide area and distributes the water evenly. The revolving arms throw the water in a fine spray into the air and the motion produces a fine mist. Height, about 1 foot. **Each, $2.25; 3 for $6.50.**

FOUNTAIN SPRINKLER



The mist-like spray that has made the name Fountain known all over the land. **Each, 75c; by mail, 85c.**

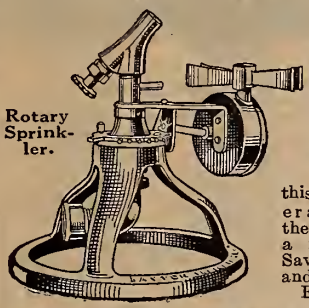
AUSTRALIAN SPRINKLER



This sprinkler is one of the best distributors of water, because of its rapid revolution and form of its wings, spraying the water very finely and evenly.

Mounted on stand, 2-foot, **95c**, 4-foot, **$1.00**; 6-foot, **$1.15**; 8-foot, **$1.25.**

ROTARY and OSCILATING SPRINKLER



Rotary Sprinkler.

This sprinkler is adjustable at will from bell-shaped spray or full stream, half or full circle, 15 to 80 feet diameter. It is a pleasure to watch this sprinkler in operation. It does the work better than a man can do it. Saves time, labor and money.

Each, **$10.00.**

CRESCENT SPRINKLER

Rainking. The nozzle that gives satisfaction. Easy to adjust, from the finest spray to long stream. Price, **$1.50.**

Price, 65c. By mail, 80c.

THE "SNAP" HOSE COUPLER

Best coupler, simple, durable, always tight, for ¾-inch hose. Per pair, **60c.**

HOSE COUPLER, Brass, for ½ or ¾-inch hose. Each, **20c**; doz., **$1.80.**

Hose Clamps, Bull Dog. Each, **7c**; doz., **70c**, Ppd.

Hose Straps, Caldwell. Used in fastening coupler on hose. Each, **5c**; doz,. **35c.** Pliers for same, **35c.**

PERFECT CLINCHING COUPLER

¾-inch, per pair, **30c**; doz., **$3.00.**

Perfect Clinching Hose Mender

A self-fastening coupling that doesn't require extra bands, bolts or wires. It adjusts itself to any thickness of hose.

¾-inch, each, **15c**; doz. **$1.25.**

THE COOPER HOSE MENDER

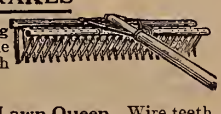
Best hose mender. Copper, with sharp barbs on either end, prevent hose slipping off. ½ or ¾-inch, each, **10c**; doz., **$1.00**; 1-inch each, **12c**; doz., **$1.25**, postage, **5c** doz. extra.

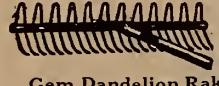
Iron Mender, for ¾-inch hose. Each, **7c**; doz. **70c.**

HOSE WASHERS, ¾-inch, per doz., **5c**; gross, **50c.**

LAWN RAKES

Automatic Self-Cleaning A backward motion of the operator clears all the teeth at once. **Each, $1.50.**





Lawn Queen. Wire teeth, reversible head; 24 teeth. **Each, 90c**; 36 teeth, **$1.25.**

Gem Dandelion Rake. Will keep dandelions off your lawn. Fine blade-like steel teeth. Easy working, self-cleaning stripper. Greatly improves the appearance of lawn. **Cannot tear or injure the sod.**

Large Size $2.75

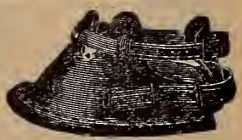
Medium Size $2.00

HOSE NOZZLES

Gem. Best all-around hose nozzle; can be used for lawn or garden, as it can be changed from fine spray to a stream by simply turning; for ¾-inch hose. Each. **90c**; by mail, **$1.00.**

Boston Rose Spray. Brass; for ¾-inch hose; useful for watering lawn and garden. Each, **$1.25**; by mail, **$1.35.**

HORSE LAWN BOOT

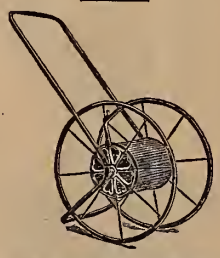


Indispensable where Horse Mowers are used. Our boots are made to fasten round the ankle, and is the most humane boot on the market. Made in three sizes.

No. 2 for No. 2 horse shoe 5½ in. inside measure.
No. 4 for No. 4 horse shoe 6½ in. inside measure.
No. 6 for No. 6 horse shoe 7 in. inside measure.

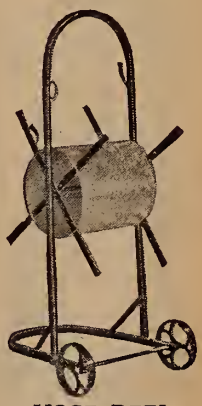
Price, per set of four, $15.00.

HOSE REEL — ALL IRON



Very light, frictionless; wheels being so high are very easily worked; no tipping when winding or unwinding hose.

No. 10 for 100 ft. ¾-in. hose.....**$3.50**
No. 20 for 150 ft....**$5.25**



HOSE REEL

Donley's, all steel. **Each, $3.00.**

INSECTICIDE NOZZLES

These are especially designed for use in spraying insecticides. Made to fit ¼-inch pipe connection. If wanted to fit ¾-inch hose, order reducer, **45c extra.**

Bordeaux Nozzle. Each, **$1.00**; by mail, **$1.05.**

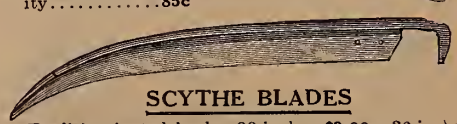
Vermorel Nozzle. Each, **$1.00**; by mail, **$1.05.**

WEED KILLER

Atlas Non-poisonous Weed Killer. A highly concentrated chemical solution. Clean, odorless, stainless, non-poisonous to man and all kinds of livestock, but highly destructive to plant life. One thorough application kills vegetation and has a sterilizing effect on the soil, thus retarding new growth. For use on walks, drives, tennis courts, paths, gutters and wherever vegetation is not wanted. At the rate of one gallon to twenty gallons of water for every 500 square feet. Price, per qt,. **75c**; gallon, **$2.00**; 5 gallons for **$8.00.**

GRASS HOOKS OR SICKLES

English. Riveted back. Each....**85c**
Domestic. Best quality.....**85c**



SCYTHE BLADES

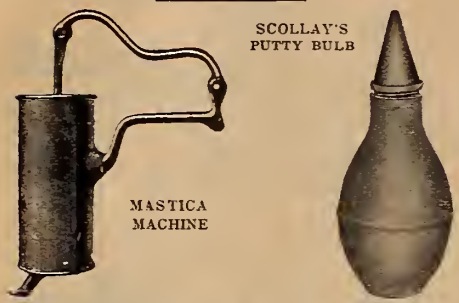
English, riveted back, 30-inch, **$3.00**; 36-inch, **$3.25**; Scythe Snath, each, **$1.60.**

Scythe Stone. Natural, **15c each.**

Owing to the fluctuations of the market, prices are subject to change without notice.

Vaughan's Garden

GLAZING MATERIALS AND POTS



MASTICA. For glazing greenhouses, hotbeds, sash, etc., better than putty, does not crack, always remains soft. Per gallon, $2.85.

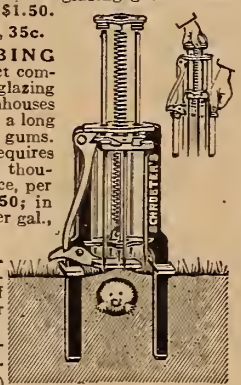
MASTICA MACHINE. For applying above. (Weight, 1½ lbs.) Each, $3.50.

PUTTY. Twemlow's Old English. Semi-liquid. Same as Mastica. Per gallon, $3.00.

PUTTY BULB. Scollay's. Useful tool with a tube for applying liquid putty in glazing greenhouses. (Weight ½ lb.) Each, $1.50.

PUTTY KNIFE. Each, 35c.

VAUGHAN'S BULBING CEMENT. A perfect compound for glazing, re-glazing and repair work on greenhouses and sash. Made from a long fiber asbestos and elastic gums. For glazing purposes it requires about 3 gallons to each thousand feet of glass. Price, per gal., $1.60; 5 gals., $7.50; in 35 and 55-gal. drums, per gal., $1.15.



MOLE TRAP IMPROVED, with patented setting attachment. One of the best mole and gopher traps. Each, $2.25.

MOSS. Sphagnum. Burlapped bales. Ea., $2.25.

SHEET MOSS. (Green) Freshly gathered; for Windows, Boxes, etc. Per sack, $2.75.

POTS (Flower)

F. O. B. Chicago. Write for New York Prices.

RED CLAY POTS. We pack these carefully, but will not be responsible for breakage.

	Doz.	100	1000		Doz.	100	Each
2 in..	$0.30	$1.50	$11.00	6 in.	$1.20	$ 8.50	.....
2½ in.	.35	1.65	13.75	7 in.	1.65	12.95	.....
3 in...	.50	2.60	17.50	8 in.	2.25	17.20	.....
4 in...	.65	3.40	.....	10 in.	.....	.....	$0.50
5 in...	.85	6.00	.....	12 in.	.....	.....	.80

PANS (Azalea)	Each	Doz.		Each	Doz.
6 in.....	$0.15	$1.20	9 in.....	$0.35	$3.50
7 in.....	.20	1.65	10 in.....	.50	.....
8 in.....	.25	2.25	12 in.....	.80	.....

PANS (Fern)	Each	Doz.		Each	Doz
6 in.....	$0.15	$1.20	8 in.....	$0.25	$2.25
7 in.....	.20	1.65	10 in.....	.50	5.00

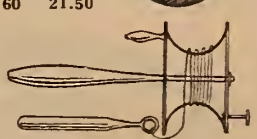
SAUCERS Fibre, water-proof and unbreakable.

	Each	Doz.		Each	Doz.
5 in.....	$0.35	$3.65	9 in.....	$0.50	$5.35
6 in.....	.40	4.00	10 in.....	.60	6.00
7 in.....	.45	4.25	12 in.....	.70	6.75
8 in.....	.48	4.95			

NEPONSET PAPER POTS. Made of water-proof paper, light, clean and unbreakable.

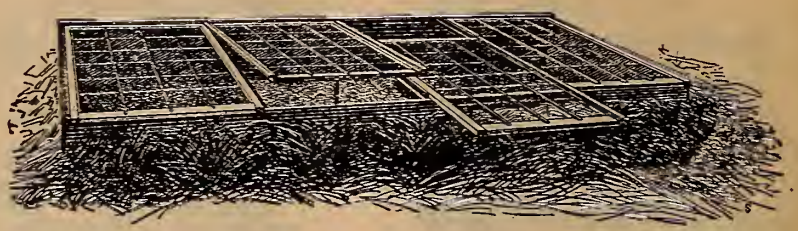
	Doz.	100	1000
2¼ in....	$0.14	$0.60	$ 4.50
2½ in....	.17	.70	5.15
3 in....	.20	1.00	7.50
3½ in....	.25	1.25	8.00
4 in....	.28	1.35	10.75
5 in....	.35	2.00	16.50
6 in....	.40	2.60	21.50

GARDEN LINE REEL.—Each, $1.10 weight 2 lbs).



GARDEN LINE. Each heavy braided. Per 96 feet, $1.00; by mail, $1.10.

GRAFTING WAX.—Per ¼ lb. bar, 15c; ½ lb bar, 25c; 1 lb. bar, 45c.



HOTBED SASH

HOTBED SASH—Made of the very finest material. **Unglazed** are not painted. **Glazed,** painted one coat. Single strength glass. Add 95c per sash for double strength.

Size, 3x6 ft., holds 3 rows 10-inch glass.
Unglazed, each, $2.95; 3 for $8.55; doz., $33.00.
Glazed, single strength glass, each, $6.00; 3 for $17.50; doz., $68.80.

Size, 38 inch x6 ft., holds 4 rows 8-inch glass.
Unglazed, each, $3.20; 3 for $9.25; doz., $35.60.
Glazed, each, $6.25; 3 for $18.35; doz., $71.00.

Prices include Crating. F. O. B. Chicago.
Prices subject to change without notice.

CEL-O-GLASS

Will take the place of glass in hotbed sash, garage and barn windows, storm doors, and many other purposes, at a great saving. Unbreakable and very light in weight. No glazing. Hammer and tacks are the only tools you need. Put up in rolls 3 feet wide up to 100 feet long. Price per square yard $1.65; in 10-yd. lots at $1.60 yd.

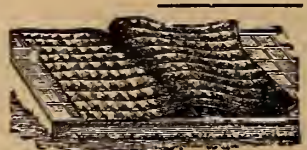
RED DEVIL GLASS CUTTER. Each, 25c.

GLASS CUTTER DIAMOND. Each, $5.00.

GLAZING POINTS. — Vaughan's Perfection. No rights or lefts; No. 2, small, for single thick glass; No. 2½, double thick, for greenhouses and skylights. Price per box of 1 lb., 70c; by mail, 80c.

Siebert's Improved.—Easy to drive, and will not wedge or crack glass, 2 sizes, ⅝ and ⅞-inch long. Price per lb., 70c; by mail, 80c.

HOTBED MATS AND PLANT BED CLOTH



Milo Waterproof Hotbed Mats. A combination of heavyweight burlap felt and absorbent pulp, cemented together with a specially prepared water-proof compound absolutely impervious to rain, sleet and snow proof against frost; repellant to rats and mice. Easy to handle, wears for years.

Size, 40x78 inches. Each, $2.85; doz., $28.80.
Size, 76x76 inches. Each, $5.00; doz., $51.00.

IMPORTED REED HOTBED MATS. Superior to straw mats; very durable. Size, 76x76 inches. Each, $2.85; three for $8.00; doz., $30.00.

PLANT BED CLOTH. For Flower Beds, cheap substitute for glass, answering many uses equally well, width 36 in., 20 to 60 yards, medium, per yd., 25c; heavy, 34c; 60 to 100 yds., medium, per yd., 23c; heavy, 32c; not less than 20 yds. of a kind sold.

DIBBER. For transplanting vegetable plants; steel point. Each, 85c (weight 10 oz).

FORK.—Digging or spading, 4 tines. Strap Ferrule. Gardeners everywhere are adopting spading forks in place of solid blade spades; the forks not only turn up the soil, but at the same time break it up so that cultivation is much easier. Each, $1.50.

KNIVES

KNIVES.—Asparagus. Straight Cut. Each, 45c; by mail, 50c.

Asparagus. Fishtail. Each, 50c; by mail, 55c.

Budding. Ivory handle. Each, $2.75; by mail, $2.80.

Budding and Prop. Two blades; white handle; brass caps. Each, $1.75; by mail, $1.85.

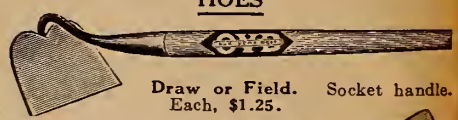
Propagating. Ivory handle. Each, $2.75; by mail, $2.80.

Propagating. "The Vaughan," best of all. Each, $1.25; by mail $1.30.

Pruning. Stag handle, English. Each, $2.50; by mail, $2.55.

Potato Knife. "The Humphrey." Will cut to one or more eyes without injuring the vital tissues. Each, postpaid, 35c; 3 for $1.00.

HOES



Draw or Field. Socket handle. Each, $1.25.

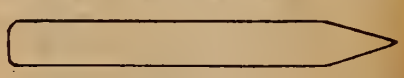
Combination Draw and Rake. 4½-inch cut and 4 teeth. Each, $1.15; 6½-inch cut and 6 teeth, $1.25.

English Scuffle or Push. 6-inch, $1.25; 8 in., $1.45.

Prong Hoe or Potato Hook. Five round tines; a handy tool for loosening the soil and digging potatoes. Each..... $1.35

Warren. 7-in. cast steel, polished blade; best Garden Hoe made. Each, $1.35.

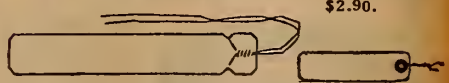
LABELS.—Zinc, Tree. Wired 3¾ inches long, ¾-inch wide. Price per dozen, 25c; 100, $1.60



Wooden. For pots, painted.

	100	1000		100	1000
4-in.....	$0.35	$1.85	6-in.....	$0.45	$ 2.95
5-in.....	.40	2.45	12-in.....	1.40	12.00

Tree, Copper Wired. 3½ in. 100, 45c; 1000, $2.90.

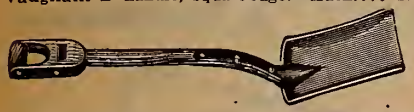


Copper. Indestructible. Small, 25c doz; 100, $1.75; large, 35c doz.; 100 for $2.35.

Cypress.—For use outside, will last for years. Splendid for Perennial Plants, ¾-inch thick, 16x1¼ in. Doz., 60c; 100 for $4.00; 18x2 in., doz, 75c; 100 for $5.00.

Tools and Requisites

SHOVELS.—Vaughan's. D handle, round point. Each.....$1.75
Vaughan. Long handle, round point. Each.. 1.75
Vaughan. D handle, square edge. Each.... 1.75



SPADES—Vaughan's. Special D or long handle, Each.....$1.75

SPRINKLERS—The Lenox. A splendid Sprayer for in or outdoor plants, rose bushes, etc. Throws fine spray under or over foliage of any plant or shrub, removing dust and insects. Each, 70c; by mail, 75c.

Scollay's Rubber. Best sprinkler for plants, ferns and flowers. Large.... $1.50 By mail..$1.55

SIEVES. For sifting soil. 18 inches in diameter, all sizes mesh from ⅛ to ½ inch. Each, $2.75.

STAKES, WOODEN. Painted green. Very useful for tying many plants.

Heavy Grade (for Dahlias)	Per doz.	Per 100
3 ft.	$1.85	$12.00
4 ft.	2.40	15.60
5 ft.	2.95	20.00

Light Grade (for smaller plants)	Per doz.	100		Per doz.	100
1½ ft.	$0.45	$2.60	3½ ft.	$1.40	$9.50
2 ft.	.70	4.15	4 ft.	1.75	11.00
2½ ft.	.95	4.65	5 ft.	2.10	14.00
3 ft.	1.20	7.50			

	Per 100	1000
STAKES—Cane. 6 to 8 feet long	$2.00	$10.00
STAKES—Cane. 9 to 11 feet long	2.50	18.00

Prices on cane Stakes f. o. b. Chicago.
Prices at New York 10 per cent. higher.

STAKES—JAPANESE BAMBOO Green Painted.

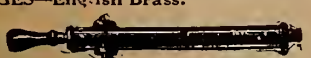
	100	1000		100	1000
1½ ft.	$0.95	$ 5.50	3 ft.	$1.65	$ 9.75
2 ft.	1.10	6.50	3½ ft.	1.80	10.50
2½ ft.	1.35	8.00	4 ft.	2.10	12.75
Japanese Bamboo, not painted, 6 ft.		2.35			17.50

STAKES—Galvanized Wire.

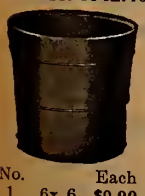
No. 9 Wire	Doz.	100	No. 8 Wire	Doz.	100
1½ ft.	$0.25	$1.00	3½ ft.	$0.45	$2.15
2 ft.	.30	1.30	4 ft.	.55	2.50
2½ ft.	.35	1.55	5 ft.	.65	3.00
3 ft.	.40	1.85	6 ft.	.75	3.60

Prices wire stakes subject to change without notice.

SYRINGES—English Brass.



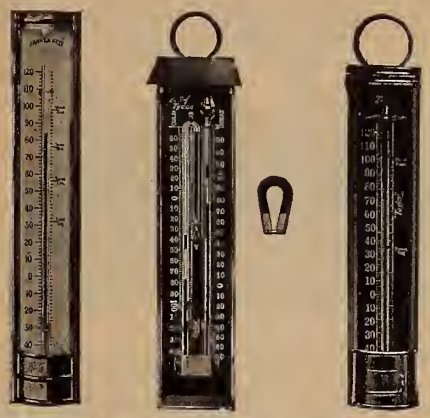
	Each
No. 0. Length 12½ in.; 15-16 in. in diam.	$2.50
No. B. Larger, 13½ in. long, 13-16 in. in diam.	3.00
No. C. 14½ in. long, 15-16 in. in diam.	3.75
No. D. 15½ in. long, 1½ in. in diam.	4.50
No. 5. Best for general Greenhouse use	7.00
No. 12. 14 in. long, 1 in. in diam.	4.25
No. 11. 18 in. long, 1 stream, 2 sprays	6.00



TUBS—(Flower) Richmond. These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. Painted green with durable oil paint. Prices F. O. B. Chicago or New York.

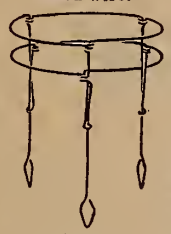
No.	Each	Four	No.	Each	Four
1.. 6x 6	$0.90	$3.40	9..14x13	$2.35	$ 9.00
3.. 8x 8	1.10	4.20	11..16x15	3.00	11.40
5..10x 9	1.30	5.00	13..18x17	3.75	14.60
7..12x11	1.80	6.80	14..19x18	4.65	17.20

If handles are required add 35c per tub.
First figure following number of tub gives diameter in inches at top of tub; second figure depth in inches.



THERMOMETERS. Tin Case. 10-in. 45c.
Cabinet. Wood case, 75c; 3 for $2.00.
Hotbed. Brass point, wooden frame, $2.25.
Self-Registering. With magnet to set it, 8-inch, each, $6.00; registers highest and lowest temperature. Minimum for registering cold, $2.25.
Tin Case. Standard grade, tested. 8-inch, each, $1.50.
Thermometers shipped by Parcel Post at purchaser's risk only.

TOMATO SUPPORTS—Made of heavy galvanized wire.



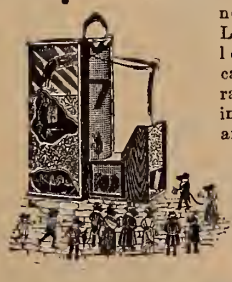
F. O. B. New York. Each, 35c; doz., $3.25.
F. O. B. Chicago. Each, 40c; doz., $3.50.

TRELLIS.—Wood. Fan-shape.

	Each	3 For
18-inch	$0.60	$1.50
24-inch	.65	1.75
30-inch	.90	2.50
36-inch	1.35	3.60
3½ ft., 21 in; wide.	1.45	
4 ft., 27 in. wide	2.00	
5 ft., 32 in. wide	2.40	
6 ft., 38 in. wide	$2.75	
7 ft., 42 in. wide	3.25	

Veranda—18-inch wide, 5 feet, $2.50; 6-feet, $2.65; 7-feet, $3.00, 8-feet, $3.45, 9-feet, $3.85; 10 feet, $4.00

TRAP. "Peerless" Automatic Mouse and Rat. Resets after each catch. Requires no attention. Let the "Peerless" take care of your rats and mice in a sanitary and humane manner.



Prices, mouse trap, $3.00; rat trap, $8.50. Guaranteed

WHEELBARROW—Red Star Garden. The best in design, material and workmanship for the class of trade who desire the best. 2¼-inch tire which permits easy wheeling of heavy loads. Price, $8.50.
Vaughan's Greenhouse Wheelbarrow. Made of narrow measure, especially for work in greenhouse walks. Each, $10.00.

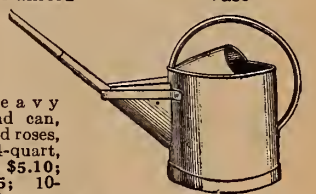
VASE. — Cemetery. —Earthen, green, 10-inch, sharp point, each, 50c, three for $1.35, shipped by Parcel Post at purchaser's risk only.
Galvanized. For Cut Flowers. Unbreakable.
10 inches deep, 4¾ in. diam., each, 65c.
12 inches deep, 6½ in. diam., each, 90c.
15 inches deep, 6½ in. diam., each, $1.10.
18 in. deep 7½ in. diam., each, $1.45.
Tin. Green painted. Each, 20c; by mail, 30c; Doz., $2.25, postpaid.

Galvanized Vase

Tin Painted

Green Cemetery Vase

Watering Pots



American. Heavy galvanized round can, two copper-faced roses, long spout; 4-quart, $4.65; 6-quart, $5.10; 8-quart, $5.75; 10-quart, $6.10; 12-quart, $6.45.

Spout is cut off in illustration to reduce space.

French Style. Oval, otherwise same make as above. 6-quart, $5.85; 8-quart, $6.20; 10-quart, $6.60; 12-quart, $7.20.

Galvanized Watering Pots

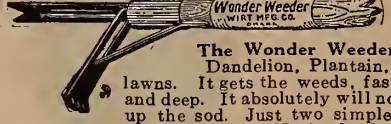
Box Spout Style, with detachable Rose, which can be quickly cleaned.
4 qt., 95c;
6 qt., $1.10;
8 qt., $1.20;
10 qt., $1.35;
12 qt., $1.50.

Dandelion Digger

Eureka Weeder

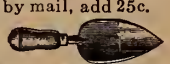
Lang's Weeder **Excelsior Weeder**

DANDELION DIGGER. Each, 45c; postpaid, 55c.
Eureka. Best hand weeder for loosening soil around plants. Short handled, 50c; long handled, 60c. (Mailing weight, 8 oz.)
Excelsior. Each, 15c. (Mailing wt., 4 oz.)
Lang's. We find this by actual trial a real labor saver. Each, 20c. (Mailing weight, 4 oz.)
Norcross Weeder. Each, 50c. Mailing 10c extra.



The Wonder Weeder. For Dandelion, Plantain, etc., in lawns. It gets the weeds, fast, clean and deep. It absolutely will not break up the sod. Just two simple movements and your weed is out. No backache, soiled hands or clothing. Each, 85c. If by mail, add 25c.

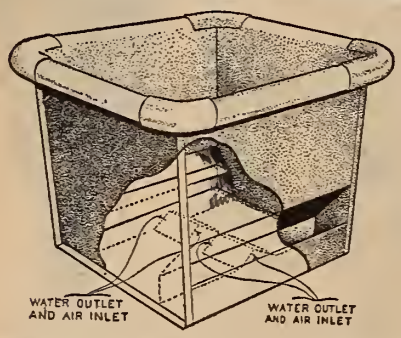
TROWELS—Vaughan's Steel.



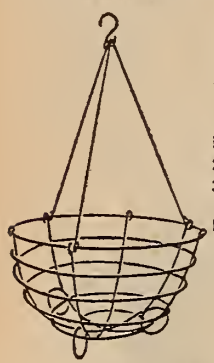
One solid piece of steel and will outwear all others.
Each, 95c. 3 for $2.75. Postpaid, each, $1.00.
Ordinary Garden. 6-inch, each, 15c; prepaid, 20c.
English Steel. 6-inch, each, 35c; prepaid, 40c.
Transplanting Trowel. Can be used either as a transplanter, dibber or weed digger, blade being deeply curved. 6-inch, 20c; postpaid, 25c.

Miscellaneous Horticultural Supplies

SUCCESS SELF-WATERING HANGING BASKETS



Vines and flowers grow luxuriantly in these baskets. They require watering only once a week. A water pocket extends the full length of basket, from which tube leads into the basket itself. Finished in an attractive shade of green. "Never leak a drop" may be hung on chains or set on small table. Prices do not include chains.



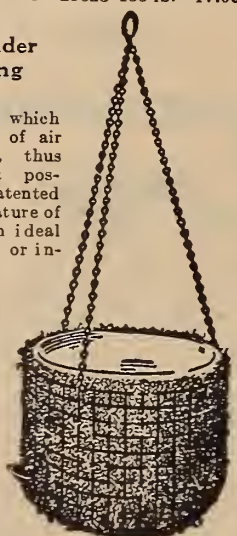
No.	Depth	Square	Price
10..	7¼-in...	10-in...	$2.35
12..	8¼-in...	12-in...	2.75
14..	10¼-in...	14-in...	3.25

BASKETS—Wire, Hanging. Each, 6-in., 20c; 8-in., 25c; 10-in., 30c; 12-in., 35c. 14-in., 45c; 16-in., 65c.

BOXES — Cut Flower. — Vaughan's "Green" Grade green lined, moisture-proof board. Very popular. On orders for less then 100 boxes of a size add 10%.

Size inches	Weight per 100	Per 100	Size inches	Weight per 100	Per 100
3 x18x5	40 lb.	$ 6.00	3½x30x5	75 lb.	$ 9.00
3 x21x5	45 lb.	6.50	4 x24x8	85 lb.	10.50
3½x24x5	60 lb.	7.50	5 x28x8	105 lb.	12.50
3½x21x7	65 lb.	8.50	5 x36x8	135 lb.	17.00
6 x40x10	170 lb.	23.00			

The Little Wonder No-Drip Hanging Basket



A self-watering basket which gives the plants plenty of air and perfect drainage, thus promoting the greatest possible growth. The patented irrigator and no-drip feature of this basket make it an ideal basket for either porch or inside use.

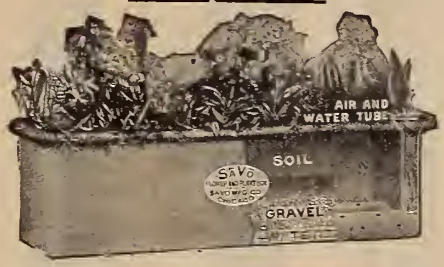
	Each
Price, 5-inch	$1.00
6-inch	1.25
7-inch	1.50
9-inch	2.00
14-inch	2.85

"SUCCESS" PORCH BOXES (Model D)

Made on the same principle, but they are wider and deeper than window boxes and of heavier material. They insure thrifty growth of flowers and vines during the hottest summer months. Never drip, like old wooden boxes, finished in an attractive shade of green.

8-in. deep, 11-in. wide.			8-in. deep, 12-in. wide.		
No.	Length	Price	No.	Length	Price
23	42-in.	$5.75	25	60-in.	$7.75
24	48-in.	6.50			

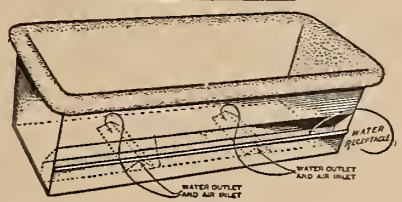
"SAVO" SELF-WATERING FLOWER BOXES



Savo Self-Watering Flower Boxes—one of the best of this type of flower boxes. Made of the best grade of galvanized steel with neat round corners and a full roll rim—beautifully finished in aluminum or green.

	Height	Width	Length	Price
Model A,	8 inches,	8 inches,	23 inches,	$3.00
Model B,	8 inches,	9½ inches,	29 inches,	4.00
Model C,	8 inches,	9½ inches,	35 inches,	4.50
Model D.	8 inches,	9½ inches,	41 inches,	5.00
Model E,	8 inches,	12 inches,	12 inches,	3.00
Model F,	12 inches,	12 inches,	12 inches,	3.50

"SUCCESS" SELF-WATERING FLOWER BOXES



The "Success" Window Boxes are substantially constructed of galvanized sheet steel, lock seamed and soldered watertight. A water pocket extends the full length of boxes, from which tubes lead into the box itself. This pocket with the tubes serve the following purposes, i. e.: Provides for watering the roots from below, allowing them to take up moisture as required; provides air circulation and ventilation, keeping the soil sweet and healthy; provides a perfect drainage should the plants be excessively watered by heavy rains or other causes. In fact, it serves as an accurate gauge as to the condition of the soil at all times. The boxes are finished in an attractive shade of green enamel and will prove an addition to any home, hotel or office building. Since they are watertight, they are especially adapted for inside use, serving to beautify the exterior during the summer and adding a touch of brightness during the winter.

Outside dimensions of Window Boxes:

Length	Width	Depth	Price
24-in.	8½-in.	6¼-in.	$1.95
30-in.	8½-in.	6¼-in.	2.40
36-in.	8½-in.	6¼-in.	3.25
42-in.	8½-in.	6¼-in.	4.00

We supply all plants for Window and Porch Boxes. Tubs, Urns, etc.

Specially prepared potting mold that will give best results. Peck, 40c; bushel, $1.25; barrel, $3.00.

Let us advise you in your selection of plants.

We can please you and save you money.

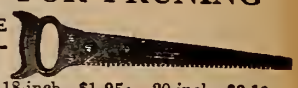
SEED SOWER. Cyclone. (New Improved Model.) An accurate portable seeder, for all broadcast sowing or fertilizing. Fits comfortably over shoulder; provided with automatic adjustment for stopping flow of contents when required. A great time and labor saver. Each, $2.00

CAHOON SEEDER

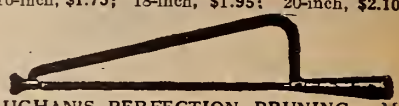
It will seed evenly five to six acres per hour. It will scatter the following distances: Wheat, Barley, Rye, 25 feet; Clover and Timothy, 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight, 5½ lbs. Price, $4.50.

TOOLS FOR PRUNING

SAWS, DOUBLE EDGED PRUNING.

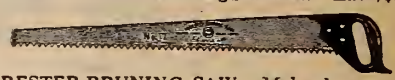


16-inch, $1.75; 18-inch, $1.95; 20-inch, $2.10.



VAUGHAN'S PERFECTION PRUNING. Made of the best steel with adjustable blade, so any branch can be easily removed close to trunk of the tree. Can be used as a hand saw or fastened to any size pole. Each, $2.50; 3 for $7.00. Extra blades, 25c.

CALIFORNIA POLE TRIMMER. Curved, draw-cut saw with hook for removing branches. Each, $2.50



FORESTER PRUNING SAW. Makes heavy pruning easy and saves time. 26 inches long. Each, $2.00

PRUNING. 6-inch, nickel-plated, $1.65; 9-inch, $1.85 Extra springs, each, 15c.

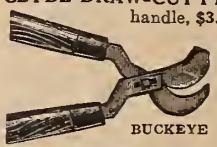
PRUNING. Best grade, with double brass springs. Each, $2.10.

LEVIN'S PRUNING. One of the best pruning shears made. Each, 85c.

HENCKELS' TWIN BRAND IMPORTED PRUNING SHEARS are known the world over as the best. Have given satisfaction to users for years. With rachet, 7½-inch, each, $2.75; 8½-inch, each, $3.00; 9½-inch, each, $3.50.

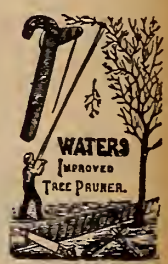
HENCKELS' IMPROVED CALIFORNIA Pattern, with brass springs, 8½-inch. Each, $3.50.

CLYDE DRAW-CUT PRUNER. Extra strong, long handle, $3.75.



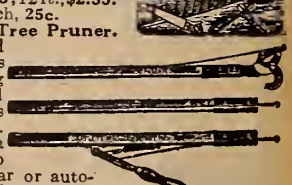
BUCKEYE

BUCKEYE PRUNING. Long handle. Each, $2.00; large size, heavier, $2.50.



TREE PRUNERS. Waters'. Length of pole, 6 ft., $1.75; 8 ft., $2.00; 10 ft., $2.15; 12 ft., $2.35. Extra knives, each, 25c.

No. 4, JOINTED Tree Pruner. The cutting head is made truss shape from strong high grade rolled steel. The pole is made of 4 ft. lengths, making a tool convenient to carry on street car or automobile, and can be used as an 8-ft. or 12-ft. pruner. Price, complete, $6.00.



RAKES—Steel Bow Garden. Best, does not break:

Steel Bow

12 teeth, $1.15; 14 teeth, $1.30; 16 teeth, $1.40.

Garden Rake

Garden. 12 teeth, 65c; 14 teeth, 75c; 16 teeth, 85c.

Lawn Rakes.

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L. H. VAUGHAN, PRES. CARL CROPP, V. PRES.

CABLE ADDRESS
VAUGHAN, CHICAGO
CAROTIDA, NEW YORK

Vaughan's Seed Store

NEW YORK,
47-49 BARCLAY ST.

GREENHOUSES AND NURSERIES,
WESTERN SPRINGS, ILL.

GENERAL OFFICES AND WAREHOUSES
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How to Order

We respectfully request customers to follow these instructions and to fill out order sheets carefully.

Early Orders Kindly send in your order as soon as convenient after receiving catalog. Our rush season comes in the months of March and April. Orders received earliest secure the promptest shipment and from our complete stocks.

Order Sheets Use the order sheets accompanying this catalog. One for **Seeds, Bulbs and Garden Sundries**, the other for **Trees, Plants and other Nursery Stock.** Please fill in all particulars carefully and distinctly with your **Zone Number** and keep a copy of your order.

Seed and Bulb Orders should have the quantity required written distinctly in the column provided for same with prices. Flower Seeds may be ordered by name, or by the marginal number.

Plant and Tree Orders should be written on the order sheet provided for these, and should state quantity, size or age required of each variety, with the price for same carried out. No plants, trees or shrubs sent C. O. D.

Order Trees, Shrubs and Hardy Vines, if possible, **before end of March**—it gives us more time for selecting, packing and shipping when the planting season opens up. Early orders receive first attention.

All Trees Shrubs and Hardy Plants are shipped as soon as weather permits. Tender plants from Greenhouses for bedding, etc., are shipped after frosts are past, usually after May 15th. (Southern shipments any time after February.) State plainly date and manner of shipping you wish.

Parcel Post **Fourth Class Mail Matter,** which includes seeds, plants, bulbs, roots, hooks, tools, insecticides (that are non-poisonous), odorless fertilizers and requisites, may be forwarded by **domestic parcel post** within the United States. We recommend this mode of conveyance for all seeds and bulbs, where weight permits, also implements, insecticides, etc., where we give mailable weights throughout the catalog.

PLEASE MARK ZONE NUMBER in the space provided for same on the top right-hand corner of all orders which you send to us.

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Send Money by New York or Chicago draft, **registered letters** or post-office or express **money orders.** Do not send loose currency or stamps in letter, unless registered. When enclosing postage stamps give us fives, tens or fifteens. Registered letters can he sent from any post-office, and your receipt sent you by return mail if demanded by you, by which you know it has reached us. Make money orders payable to "Vaughan's Seed Store." **(Mark your Zone Number on order.)**

Free Delivery

We prepay mail or express (our option) in Local, First, Second and Third Zones from Chicago or New York all Flower and Vegetable Seeds ordered at rates of single packet, ounce, quarter-pound, half-pound, and pound; also two-pound lots of Peas, Beans and Sweet Corn.

Where bought in quantities exceeding the above, and at special quantity prices, add postage at zone rates.

N. B.—Buyers who reside beyond the third zone from Chicago or New York may have all the seeds above mentioned.

PREPAID for FIVE CENTS (5 cts.) per pound additional.

This offer includes the 4th, 5th, 6th, 7th and 8th zones and the dependencies of the United States.

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On all orders of Lawn Grass Seeds amounting to $2.00 or over we prepay transportation within 300 miles of Chicago or New York.

These Special Free Deliveries do not include C. O. D. shipments, which travel at buyer's expense.

BY EXPRESS—We advise for safety against injury, to use express shipments on parcels weighing over 15 pounds or on all breakable ware.

Daily filling of seed orders is the Vaughan Rule.

GARDEN TALKS BY RADIO

At 4:15 P. M. each Tuesday, a Garden Talk supplied by Vaughan's Seed Store is broadcast from station WMAQ, Chicago Daily News, Hotel La Salle, Chicago, Ill. Wave length 448 meters. There is no advertising in these talks; they are inspirational and instructive, and will be worth while to everyone interested in gardens.

TUNE IN!

Mistakes These will happen in spite of all care. Write us at once with copy of original order if possible, and mistakes will bt promptly rectified. Please do noe return goods until you hear from us.

Gardeners Supplied

We usually have on our hooks, names of dependable, experienced gardeners, and are very careful to recommend none hut those with good records. No charge is made for this to either party.

Our Terms

with customers not having an account are strictly cash with order. We prefer not to send C.O.D., but if wanted hy that method, customers should enclose one-fourth of the amount in remittance with order. **No trees, plants or other perishable stock, are sent C. O. D.**

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It is so manifestly impossible for a seller of any perishable article to be responsible for what may happen to it after it leaves his hand, especially one like seeds, which are planted in the ground under varying conditions of soil and climate that we, in common with all American seed houses, disclaim responsibility as to the crop which may be raised from seeds which we sell.

At the same time, in case of any failure to secure proper results caused from some inherent fault in the seeds themselves, Vaughan's Seed Store accepts responsibility, **not for crop,** hut to the **extent of the amount of money paid** for the seeds, **if we are immediately advised** in case of any failure.

We wish it understood that all our stocks are sold under the following conditions:

We Do Not Warrant in any way, expressed or implied, the contents or the description, purity, productiveness or any other matter of any seeds, bulbs, plants, shrubs or trees sold hy us, and we will not he in any way responsible for the crop. If the purchaser does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to ahove conditions, we make this sale at the moderate prices at which we sell our goods.

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Vaughan's Seed Store at Chicago and New York, covers the United States in a remarkable way to secure cheap postal rates for its many mail order customers.

All parcels under 8 ounces are carried everywhere regardless of zone rates at one cent for 2 ounces.

Packages of such size Vaughan's Seed Store prepays FREE. BUT seeds ordered at peck, bushel or five-pound rates, or bought in even larger quantities at cheaper prices, should go by freight when possible.

To liberal orders from distant points WE ADD FREE, SPECIAL NEW VARIETIES of value to partly cover postage or express charges.

DOMESTIC PARCEL POST RATES On Seeds, Plants, Bulbs, Roots, Books, Tools, etc. within the U. S. and Possessions.	First pound or fraction	Each additional pound or fraction
First Zone Chicago or New York City or 50 miles thereof	7c.	1c.
Second Zone within 50 to 150 miles of either	7c.	1c.
Third Zone within 150 to 300 miles (See our **prepaid offer** above for **zones 1 to 3.**)	8c.	2c.
Fourth Zone within 300 to 600 miles	9c.	4c.
Fifth Zone within 600 to 1000 miles	10c.	6c.
Sixth Zone within 1000 to 1400 miles	11c.	8c.
Seventh Zone within 1400 to 1800 miles	13c.	10c.
Eighth Zone all over 1800 miles and Canada	14c.	12c.

NOTE.—Limit of weight for delivery within the first, second and third zones, 70 pounds; to Canada 11 lbs.; to all other zones 50 pounds. If weight exceeds this, we will pack in 2 or 3 parcels (not more) provided money is remitted to cover postage. **(Mark your Zone Number on order.)**

TREES and NURSERY STOCK only on this sheet PLANTS

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Order to Vaughan's Seed Store S 27

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NOTICE—We do not warrant in any way, expressed, or implied, the contents, or the description, purity, productiveness, or any other matter of any seeds, bulbs, or plants, sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on the above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to above conditions we make this sale, at the moderate prices at which we sell our goods.
Vaughan's Seed Store (Incorporated).

QUANTITY	NAMES OF ARTICLES	PRICE	
		Dollars	Cents
	If by parcel post, and not quoted at prepaid prices, add 5c per plant and 20c per dozen for postage. No Nursery Stock sent C. O. D.		

☞ In making your order, please give the prices to avoid delay and errors.

[Over]

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QUANTITY	TREES, PLANTS and NURSERY STOCK—Continued	Mailing Weight	Dollars	Cents

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On Seeds, Plants, Bulbs, Roots, Books, Tools, etc. within the U. S. and Possessions.

Zone		First pound or fraction	Each additional pound or fraction
First Zone	Chicago or New York or 50 miles thereof....	7c	1c
Second Zone	within 50 to 150 miles of either............	7c	1c
Third Zone	within 150 to 300 miles....................	8c	2c
Fourth Zone	within 300 to 600 miles....................	9c	4c
Fifth Zone	within 600 to 1000 miles..................	10c	6c
Sixth Zone	within 1000 to 1400 miles..................	11c	8c
Seventh Zone	within 1400 to 1800 miles..................	13c	10c
Eight Zone	all over 1800 miles.......................	14c	12c

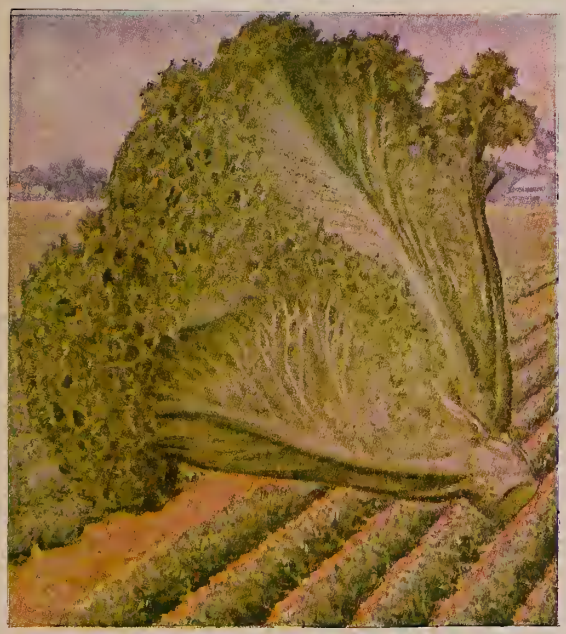
Total Weight ______ lbs.

Amount for postage $

GRAND TOTAL $

☞ In making your order, please give the prices to avoid delay and errors.

Detroit Dark Red Beet



Grand Rapids Lettuce

Scarlet Globe Radish

Vaughan's Selected Strains

HOME gardeners as well as market gardeners will be well repaid for the slight extra cost, if they choose Vaughan's Selected Stock of a desired vegetable variety wherever offered. With this seed, you may count upon producing prize-winning specimens. The illustrations on this page depict a few of our specialties.

Detroit Dark Red Turnip Beet

A main crop, heavy yielding variety of perfect turnip shape, small tap root, upright tops. Vaughan's Selected Stock. Pkt., 15c; oz., 25c; ¼ lb., 50c; lb. $1.50.

Early Chantenay Carrot

Ready in 60 days and of highest table quality. Smooth and of excellent color. Vaughan's Selected Stock. Pkt., 15c; oz., 25c; ¼ lb., 65c; lb., $2.00.

Grand Rapids Lettuce

The earliest, crispest leaf lettuce, curly leaved, sweet and tender. Every home garden should grow it for first crop. Vaughan's Selected Stock. Pkt., 15c; oz., 25c; 2 ozs., 40c; ¼ lb., 65c.

Giant Magnum Dulce Pepper

Supreme as a salad, and excellent for seasoning and cooking. Reaches in maturity the size of 4x7 inches. Sweet, of course. Vaughan's Selected Stock. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., $2.25.

Scarlet Globe Radish

A forcing strain, uniform in shape and quality, ready for the table in 25 days. Plant in the home garden every ten days until June and begin again in August. Vaughan's Selected Stock. Pkt., 15c; oz., 25c; ¼ lb., 45c; lb., $1.40.

Select Earliana Tomato

The earliest large, smooth tomato. Yields well, and is the finest early for the home gardener. Vaughan's Selected Stock. Pkt., 15c; ½ oz., 25c; oz., 40c; ¼ lb., $1.25; lb., $4.00.

Early Chantenay Carrot

Magnum Dulce Pepper

Earliana Tomato

Introduction of 1927

GLADIOLUS

EDITH MASON

SEE PAGE 93

EACH $2.00 ~ 10 FOR $15.00